PRE-DEMOLITION SURVEY
FOR ASBESTOS & LEAD-IN PAINT
BUILDING 6
VA MEDICAL CENTER
FAYETTEVILLE, NORTH CAROLINA

Prepared for:

TOLAND MIZELL MOLNAR
435 SPENCE DRIVE
SALISBURY, NC 28144

Report Date:

October 28, 2014

Prepared by:

DURBIN ENVIRONMENTAL CONSULTANTS, INC.
3461 LAWRENCEVILLE-SUWANEE ROAD, SUITE A
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1. INTRODUCTION

Durbin Environmental Consultants, Inc. (DEC) was retained by Toland Mizell Molnar, to conduct a pre-demolition hazardous material assessment for suspect asbestos containing materials and lead-in-paint (LBP) at the VA Medical Center (VAMC), Building 6, Fayetteville, North Carolina. Sellers C. Carmack of Durbin Environmental Consultants, Inc., conducted the hazardous material assessment on October 16-17, 2014. Michael F. Durbin, CIH of Durbin Environmental Consultants, Inc. collected data necessary for the asbestos abatement design on October 16-17, 2014. Mr. Carmack is currently accredited as an asbestos inspector through an Environmental Protection Agency (EPA) approved training provider and is licensed by the State of North Carolina, Department of Health and Human Services, Division of Public Health, Health Hazards Control Unit as an asbestos accredited inspector (Accreditation Number 11864, expiration Date (9/30/2015). Mr. Durbin is currently accredited as an asbestos project designer through an Environmental Protection Agency (EPA) approved training provider and is licensed by the State of North Carolina, Department of Health and Human Services, Division of Public Health, Health Hazards Control Unit as an asbestos accredited project designer (Accreditation Number 40188, expiration Date (9/30/2015).

Bulk sample analysis for suspect asbestos containing materials was performed by Analytical Environmental Services, Inc., 3080 Presidential Parkway, Atlanta, Georgia 30340. Analytical Environmental Services Inc. is accredited for asbestos fiber analysis through participation in the National Institute of Standards and Technology (NIST) National Voluntary Laboratory Accreditation Program (NVLAP) and is assigned NVLAP Lab Code 102082-0. Analytical Environmental Services Inc. utilized the analytical method: EPA/600/R-93/116: "Method for the Determination of Asbestos in Bulk Building Materials" (polarized light microscopy in conjunction with dispersion staining).

Paint Chip Sample analysis was performed via a Flame Atomic Absorption Spectrophotometer (AAS) by Analytical Environmental Services, Inc. (AES), 3080 Presidential Parkway, Atlanta, GA 30340. AES is accredited in the analysis of lead-based paint (LBP) samples via the Environmental Lead Laboratory Accreditation Program (#100671).

2. DISCUSSION AND RESULTS

a. Building 6 - Asbestos

The asbestos survey was conducted in accordance with the sampling protocol established in the Environmental Protection Agency's Asbestos Hazard Emergency Response Act (AHERA 40 CFR, Part 763) for the materials included in this specific survey. The following provides general information and summarizes the potential impact of asbestos containing material during any scheduled renovation project.

Bulk samples were collected from the following suspect asbestos containing materials during this survey:

1. Floor Tile – Synthetic Wood Floor Planking and Associated Mastic/Glue/Adhesive (HM #1)
2. Floor Tile – 12" X 12" Light Grey with Grey Speckles and Associated Mastic/Glue/Adhesive (HM #2)

3. Floor Tile – 12" X 12" Light Beige with Brown Speckles and Associated Mastic/Glue/Adhesive (HM #3)
4. Beige Covebase and Associated Mastic/Glue/Adhesive (HM #4)
5. Drywall and Joint Compound (HM #5)
6. Ceiling Tile – 2' X 2' with Small Fissures and Pinholes (HM #6)
7. Duct Insulation – Foil Wrapped with Fiberglass (HM #7)
8. BATT Insulation (HM #8)
9. Roof Material – Rubber Membrane-type with Powdery Fill (HM #9)

None of the collected bulk sample materials **contained asbestos** by Polarized Light Microscopy (PLM) (reference Appendix A for the Asbestos Bulk Sampling Summary followed by the Laboratory Report and Representative Photographs of Suspect Asbestos Containing Materials).

b. Building 6 - Lead

Representative paint chip samples were collected from the following locations:

1. White Paint on Metal Door (Sample # 6-PC-01)
2. White Paint on Wood Door, Men's Restroom (Sample # 6-PC-02)

Both of the representative paint chip samples taken from painted surfaces in Building 6 in areas that will be impacted by the scheduled renovation/demolition project did not have detectable levels of lead via Flame Atomic Absorption Spectrophotometer analysis.

The Occupational Safety and Health Administration (OSHA) Construction Industry Standard for Lead (29 CFR 1926.62) does not reference the EPA/HUD definition for LBP (0.5% by weight or 1.0 mg/cm^2). If detectable levels of lead are identified in any painted surface, paint disturbance will fall under the OSHA Lead Standard. OSHA 29 CFR 1926.62 requires employers to perform exposure monitoring for employees whose tasks disturb or potentially disturb lead. The data contained in this survey report should be provided to the Contractor, prior to the Contractor submitting bids for maintenance, renovation or demolition work. The Contractor shall assume that all painted surfaces may contain detectable levels of lead for purposes of this project and demonstrate through personal air sampling that airborne lead levels will not exceed 30 micrograms (ug) lead per cubic meter (m^3) of air determined as an 8-hour time-weighted average (TWA), for each representative task and trade that disturbs painted surfaces.

Waste generated by disturbance of painted surfaces should be subjected to Toxicity Characteristic Leaching Procedure (TCLP) testing to determine leachable metal concentrations. If leachable concentrations of RCRA metals in construction waste are determined by TCLP testing, those materials should be disposed of in accordance with EPA 40 CFR Part 260 to 271 and applicable State of North Carolina regulations.

Refer to Appendix B for the Paint Chip Sample Summary followed by Laboratory Data and Representative Photographs of Paint Chip Samples.

c. Building 6 – PCBs/Fluorescent Lights/Other Hazardous Materials

The construction date of pre-manufactured Building 6 at VA Fayetteville is 2004. All ballasts installed or manufactured prior to 1978, should be assumed to contain PCBs unless specifically labeled as having no PCBs.

All known or assumed PCB ballasts, capacitors or other PCB articles should be handled in accordance with 40 CFR Part 761 Polychlorinated Biphenyls (PCBs) Manufacturing, Processing, Distribution in Commerce, and Use Prohibitions and State of North Carolina Hazardous Waste Management Rules/Regulations.

All batteries, mercury-containing equipment and bulbs should be handled in accordance with 40 CFR Part 273 Standards for Universal Waste Management and State of North Carolina Hazardous Waste Management Rules/Regulations.

Refrigerants shall be disposed on in accordance with Section 608 of the Clean Air Act (EPA Refrigerant and Recycling Rule and 40 CFR Part 82 Protection of Stratospheric Ozone) in addition to the State of North Carolina Rules/Regulations.

Fluorescent lights and high intensity discharge bulbs (HID) and other mercury-containing bulbs are regulated under the Resource Conservation and Recovery Act (RCRA) Universal Waste Rule (UWR) and Subtitle C hazardous waste regulations. Accordingly, all bulbs should be disposed of or recycled in accordance with the current policy of the VA Medical Center, Fayetteville, NC.

3. METHODOLOGY

Asbestos Sampling Protocol

The inspector sampled all suspect ACM in accessible areas. In order for a group of homogeneous materials to be considered as non asbestos containing, all samples from that specific homogeneous material must be analyzed and determined to be non asbestos containing or less than or equal to 1% asbestos.

Representative, randomly selected samples were collected from each homogeneous area of suspect asbestos-containing material. For purposes of this report, the homogeneous area is physically defined as all material with the same visual appearance, texture and hardness. Material types followed by NOT APPLICABLE were not identified during this asbestos survey.

The minimum number of samples collected for each homogeneous area (or material) is as follows:

1. Friable Spray-applied or Trowel-applied Material (NOT APPLICABLE)

    a. Less than or equal to 1000 square feet (S.F.) = 3 samples
    b. Greater than 1000 S.F. and less than or equal to 5000 S.F. = 5 samples.
    c. Greater than 5000 S. F. = 7 samples

2. Pipe and Duct Insulation

Three samples per homogeneous area of insulation were taken unless it was a confirmation sample.

3. Elbows, Valves, Fittings and Connection Mud (NOT APPLICABLE)

Three representative samples were taken from each representative type of insulated elbow, valve, fitting and connecting mud unless it was a confirmation sample.

4. Boiler, Tanks and Furnaces (NOT APPLICABLE)

A minimum of 3 samples per unit was collected.

5. Patchwork

Patchwork is defined as a patch or repair to existing material based on the following quantities:

a. Surfacing material patches are limited to a maximum of 6 S. F.

b. Pipe and duct insulation patches are limited to a maximum of 6 L. F. or 6 S. F.

c. Boiler, tanks and furnace patches are limited to 6 S.F. maximum.

If the patchwork exceeded the limits prescribed above, the sampling protocol resorted back to the homogeneous area descriptions in items 1-4. If a material qualifies as patchwork, a single sample was collected per patch.

6. Ceiling or Acoustical Tile

a. Minimum of 3 Samples

7. Miscellaneous Friable Material (INCLUDED DRYWALL & JOINT COMPOUND)

a. 3 Samples

8. Non-friable Material

Non-friable materials for purposes of this survey would include material such as floor tiles and mastic/adhesive, linoleum floor covering, interior/exterior caulks, flooring felt (if still under floor tile), roofing materials, miscellaneous cementitious material such as wall or ceiling panels, caulking or sealant, or window glazing.

a. Minimum of 3 samples

Lead-Based Paint (LBP) Sampling Protocol

Paint chips containing lead concentrations at or above 0.5 percent by weight are considered positive for lead based on EPA and Department of Housing and Urban Development (HUD) guidelines for Target Housing and Child Occupied Facilities.

The inspector collected paint chip samples from representative surfaces and components likely to be impacted by any renovation/demolition project and compared them against the HUD definition for Lead-Based Paint (LBP) of 0.5 % by weight. The laboratory analyzed the collected paint chip samples following the NIOSH Manual of Analytical Methods (NMAM) N7082 (using a Flame Atomic Absorption Spectrophotometer). Individual sample results are presented in tabular form in Appendix B.

The Occupational Safety and Health Administration (OSHA) Construction Industry Standard for Lead (29 CFR 1926.62) does not reference the HUD definition for LBP. If detectable levels of lead are identified in any painted surface, paint disturbance will fall under the OSHA Lead Standard. OSHA 29 CFR 1926.62 requires employers to perform exposure monitoring for employees whose tasks disturb or potentially disturb lead. The data contained in this survey report should be provided to the Contractor, prior to the Contractor submitting bids for maintenance, renovation or demolition work. The Contractor shall assume that all painted surfaces may contain detectable levels of lead for purposes of this project and demonstrate through personal air sampling that airborne lead levels will not exceed 30 micrograms (ug) lead per cubic meter (m^3) of air determined as an 8-hour time-weighted average (TWA), for each representative task and trade that disturbs painted surfaces.

Miscellaneous Hazardous Material Identification Protocol

Miscellaneous hazardous material identification was accomplished via a visual inspection of the facility.

4. OBSERVATIONS/CONCLUSIONS

Building 6 - Asbestos

None of the collected bulk sample materials **contained asbestos** by Polarized Light Microscopy (PLM) (reference Appendix A for the Asbestos Bulk Sampling Summary followed by the Laboratory Report and Representative Photographs of Suspect Asbestos Containing Materials).

Building 6 - Lead

Both of the representative paint chip samples taken from painted surfaces in Building 6 in areas that will be impacted by the scheduled renovation/demolition project did not have detectable levels of lead via Flame Atomic Absorption Spectrophotometer analysis.

The Occupational Safety and Health Administration (OSHA) Construction Industry Standard for Lead (29 CFR 1926.62) does not reference the EPA/HUD definition for LBP (0.5% by weight or 1.0 mg/cm^2). If detectable levels of lead are identified in any painted surface, paint disturbance

will fall under the OSHA Lead Standard. OSHA 29 CFR 1926.62 requires employers to perform exposure monitoring for employees whose tasks disturb or potentially disturb lead. The data contained in this survey report should be provided to the Contractor, prior to the Contractor submitting bids for maintenance, renovation or demolition work. The Contractor shall assume that all painted surfaces may contain detectable levels of lead for purposes of this project and demonstrate through personal air sampling that airborne lead levels will not exceed 30 micrograms (ug) lead per cubic meter (m^3) of air determined as an 8-hour time-weighted average (TWA), for each representative task and trade that disturbs painted surfaces.

Waste generated by disturbance of painted surfaces should be subjected to Toxicity Characteristic Leaching Procedure (TCLP) testing to determine leachable metal concentrations. If leachable concentrations of RCRA metals in construction waste are determined by TCLP testing, those materials should be disposed of in accordance with EPA 40 CFR Part 260 to 271 and applicable State of North Carolina regulations.

Building 6 – PCBs/Fluorescent Lights/Other Hazardous Materials

A summary of the materials/items identified is as follows:

1. Mercury Fluorescent Light Bulbs
2. Thermostats
3. Emergency Exit Batteries
4. Air-Conditioning Refrigerants

The construction date of pre-manufactured Building 6 at VA Fayetteville is 2004. All ballasts installed or manufactured prior to 1978, should be assumed to contain PCBs unless specifically labeled as having no PCBs.

All known or assumed PCB ballasts, capacitors or other PCB articles should be handled in accordance with 40 CFR Part 761 Polychlorinated Biphenyls (PCBs) Manufacturing, Processing, Distribution in Commerce, and Use Prohibitions and State of North Carolina Hazardous Waste Management Rules/Regulations.

All batteries, mercury-containing equipment and bulbs should be handled in accordance with 40 CFR Part 273 Standards for Universal Waste Management and State of North Carolina Hazardous Waste Management Rules/Regulations.

Refrigerants shall be disposed on in accordance with Section 608 of the Clean Air Act (EPA Refrigerant and Recycling Rule and 40 CFR Part 82 Protection of Stratospheric Ozone) in addition to the State of North Carolina Rules/Regulations.

Fluorescent lights and high intensity discharge bulbs (HID) and other mercury-containing bulbs are regulated under the Resource Conservation and Recovery Act (RCRA) Universal Waste Rule (UWR) and Subtitle C hazardous waste regulations. Accordingly, all bulbs should be disposed of or recycled in accordance with the current policy of the VA Medical Center, Fayetteville, NC.

5. RECOMMENDATIONS

A. The asbestos containing material survey report should be maintained at the job site during performance of the demolition activities. **Since this is a demolition project, at least ten (10) working days advanced written NESHAPS Notification to Health Hazards Control Unit, NCDHHS-Division of Public Health, 1912 Mail Service Center, Raleigh, NC is required even though no asbestos was identified.**

B. All regulated asbestos containing materials (RACM) and presumed asbestos containing materials (PACM) shall be removed and disposed of as asbestos waste prior to building demolition.

C. Communication of this asbestos survey report results should be presented in accordance with the OSHA 29 CFR 1926.1101 Asbestos Standard to all personnel who may enter or perform work in Building 6.

D. The asbestos and lead survey report should be maintained at the job site during performance of the construction activities.

E. Disturbance of painted surfaces should be performed in accordance with the OSHA Lead Standard (29 CFR 1926.62). Waste generated by disturbance of painted surfaces should be subjected to Toxicity Characteristic Leaching Procedure (TCLP) testing to determine leachable lead concentrations. If leachable concentrations of lead in construction waste are determined by TCLP testing, those materials should be disposed of in accordance with 40 CFR Part 260 to 271 and the State of North Carolina Hazardous Waste Rules/Regulations.

F. All batteries, mercury-containing equipment and bulbs are regulated under the Resource Conservation and Recovery Act (RCRA) Universal Waste Rule (UWR) and Subtitle C hazardous waste regulations. Accordingly, all batteries, mercury-containing equipment and bulbs should be recycled in accordance with the current policy of the VA Medical Center, Fayetteville, NC.

G. Remove refrigerants in accordance with Section 608 of the Clean Air Act (EPA Refrigerant and Recycling Rule and 40 CFR Part 82 Protection of Stratospheric Ozone) in addition to the State of North Carolina Rules/Regulations.

6. REFERENCES

1. Guidance for Controlling Asbestos-Containing Materials in Buildings" (Purple Book). EPA 560/5-85-024. Office of Pesticides and Toxic Substances Washington, DC 20460.

2. 40 CFR, Part 763, Asbestos Hazard Emergency Response Act

3. 40 CFR, Part 763, Asbestos School Hazard Abatement Reauthorization Act

4. 40 CFR, Part 61, Subpart M Asbestos

5. 29 CFR Part 1926.1101 Asbestos

6. 29 CFR Part 1926.62 Lead

7. HUD Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing

8. 40 CFR Part 260 General Hazardous Waste Management.

9. 40 CFR Part 261 Identification and Listing of Hazardous Waste.

10. 40 CFR Part 262 Standards Applicable to Generators of Hazardous Waste.

11. 40 CFR Part 263 Standards Applicable to Transporters of Hazardous Waste.

12. 40 CFR Part 268 Land Disposal Restrictions.

13. 40 CFR Part 761 Polychlorinated Biphenyls (PCBs) Manufacturing, Processing, Distribution in Commerce, and Use Prohibitions.

14. 40 CFR Part 273 Standards for Universal Waste Management

15. Section 608 of the Clean Air Act (EPA Refrigerant and Recycling Rule and 40 CFR Part 82 Protection of Stratospheric Ozone) in addition to the State of North Carolina Rules/Regulations.

If you have any questions or comments regarding this report, please do not hesitate to call.

Sincerely,
Durbin Environmental Consultants, Inc.

Sellers C. Carmack

Sellers C. Carmack (NC asbestos accredited inspector, Accreditation Number 11864, expiration Date (9/30/2015))
Vice President

Michael F. Durbin, CIH

Michael F. Durbin, CIH (NC asbestos accredited project designer, Accreditation Number 40188, expiration Date (9/30/2015))
President

APPENDIX A

Asbestos Bulk Sampling Summary
Followed By the Laboratory Data and Representative Photographs of Suspect Asbestos Containing Materials

Sample Number	Description	Asbestos Present	Friable	Non-Asbestos Material Present	Sample Location	HM
6-FT1-01	Floor Tile – Synthetic Wood Floor Planking and Associated Mastic/Glue/Adhesive	NAD	N/A	See Lab Report	Foyer/Reception Area	
6-FT1-02	Floor Tile – Synthetic Wood Floor Planking and Associated Mastic/Glue/Adhesive	NAD	N/A	See Lab Report	Foyer/Reception Area	1
6-FT1-03	Floor Tile – Synthetic Wood Floor Planking and Associated Mastic/Glue/Adhesive	NAD	N/A	See Lab Report	Foyer/Reception Area	
6-FT2-01	Floor Tile – 12" X 12" Light Grey with Grey Speckles and Associated Mastic/Glue/Adhesive	NAD	N/A	See Lab Report	Men's Restroom	
6-FT2-02	Floor Tile – 12" X 12" Light Grey with Grey Speckles and Associated Mastic/Glue/Adhesive	NAD	N/A	See Lab Report	Men's Restroom	2
6-FT2-03	Floor Tile – 12" X 12" Light Grey with Grey Speckles and Associated Mastic/Glue/Adhesive	NAD	N/A	See Lab Report	Women's Restroom	
6-FT3-01	Floor Tile – 12" X 12" Light Beige with Brown Speckles and Associated Mastic/Glue/Adhesive	NAD	N/A	See Lab Report	Kitchen	
6-FT3-02	Floor Tile – 12" X 12" Light Beige with Brown Speckles and Associated Mastic/Glue/Adhesive	NAD	N/A	See Lab Report	Kitchen	3

Sample Number	Description	Asbestos Present	Friable	Non-Asbestos Material Present	Sample Location	HM
6-FT3-03	Floor Tile – 12" X 12" Light Beige with Brown Speckles and Associated Mastic/Glue/Adhesive	NAD	N/A	See Lab Report	Kitchen	3
6-CB1-01	Beige Covebase and Associated Mastic/Glue/Adhesive	NAD	N/A	See Lab Report	Kitchen	
6-CB1-02	Beige Covebase and Associated Mastic/Glue/Adhesive	NAD	N/A	See Lab Report	Kitchen	4
6-CB1-03	Beige Covebase and Associated Mastic/Glue/Adhesive	NAD	N/A	See Lab Report	Kitchen	
6-DWJC-01	Drywall and Joint Compound	NAD	N/A	See Lab Report	Corridor Outside Room 07	
6-DWJC-02	Drywall and Joint Compound	NAD	N/A	See Lab Report	Kitchen	
6-DWJC-03	Drywall and Joint Compound	NAD	N/A	See Lab Report	Admin Area, Room 02	5
6-DWJC-04	Drywall and Joint Compound	NAD	N/A	See Lab Report	Corridor Outside Room 17	
6-DWJC-05	Drywall and Joint Compound	NAD	N/A	See Lab Report	Room 21A	
6-CT1-01	Ceiling Tile – 2' X 2' with Small Fissures and Pinholes	NAD	N/A	See Lab Report	Corridor Outside Room 07	6

Sample Number	Description	Asbestos Present	Friable	Non-Asbestos Material Present	Sample Location	HM
6-CT1-02	Ceiling Tile – 2' X 2' with Small Fissures and Pinholes	NAD	N/A	See Lab Report	Kitchen	
6-CT1-03	Ceiling Tile – 2' X 2' with Small Fissures and Pinholes	NAD	N/A	See Lab Report	Corridor Outside Room 17	6
6-DI1-01	Duct Insulation – Foil Wrapped with Fiberglass	NAD	N/A	See Lab Report	Kitchen	
6-DI1-02	Duct Insulation – Foil Wrapped with Fiberglass	NAD	N/A	See Lab Report	Admin Area, Room 02	7
6-DI1-03	Duct Insulation – Foil Wrapped with Fiberglass	NAD	N/A	See Lab Report	Admin Area, Room 02	
6-BATT-01	BATT Insulation – Confirmation Sample	NAD	N/A	See Lab Report	Admin Area, Room 02	8
6-RM-01	Roof Material – Rubber Membrane-type with Powdery Fill	NAD	N/A	See Lab Report	Roof	
6-RM-02	Roof Material – Rubber Membrane-type with Powdery Fill	NAD	N/A	See Lab Report	Roof	9
6-RM-03	Roof Material – Rubber Membrane-type with Powdery Fill	NAD	N/A	See Lab Report	Roof	

NAD – No Asbestos Detected; N/A – Not Applicable

Durbin Environmental Consultants, Inc.
Georgetowne Square
3461 Lawrenceville-Suwanee Road, Suite A
Suwanee, Georgia 30024
Voice (678) 482-9917
Fax (678) 482-7510

1410I 11

SAMPLE CHAIN OF CUSTODY

Projeet Number: 1410.002 Bulk: ✓

Date: 10/18/2014 Air:

No	Sample ID	NO	Sample ID	No	Sample ID	NO	Sample ID
1.	6-FT1-01	26.	6-RM-02	51.		76.	
2.	6-FT1-02	27.	6-RM-03	52.		77.	
3.	6-FT1-03	28.		53.		78.	
4.	6-FT2-01	29.		54.		79.	
5.	6-FT2-02	30.		55.		80.	
6.	6-FT2-03	31.		56.		81.	
7.	6-FT3-01	32.		57.		82.	
8.	6-FT3-02	33.		58.		83.	
9.	6-FT3-03	34.		59.		84.	
10.	6-CB1-01	35.		60.		85.	
11.	6-CB1-02	36.		61.		86.	
12.	6-CB1-03	37.		62.		87.	
13.	6-DWSC-01	38.		63.		88.	
14.	6-DWSC-02	39.		64.		89.	
15.	6-DWSC-03	40.		65.		90.	
16.	6-DWSC-04	41.		66.		91.	
17.	6-DWSC-05	42.		67.		92.	
18.	6-CT1-01	43.		68.		93.	
19.	6-CT1-02	44.		69.		94.	
20.	6-CT1-03	45.		70.		95.	
21.	6-DI1-01	46.		71.		96.	
22.	6-DI1-02	47.		72.		97.	
23.	6-DI1-03	48.		73.		98.	
24.	6-BATT-01	49.		74.		99.	
25.	6-RM-01	50.		75.		100.	

Requested Turn-Around Time: 48-hour TAT (Asbestos by PLM)

Comments: email reports to: Seller Carmack scarmack@durbinenvironmental.com and Mike Durbin mdurbin@durbinenvironmental.com

Relinquished By: Michael Durbin Received By: Nicole Jessup

Company: Durbin Environmental Consultants Company: DES

Date: 10/18/2014 Date: 10/18/2014 11:15

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

Bulk Sample Summary Report

NVLAP Lab Code 102082-0

22-Oct-14

Client Name: **Durbin Environmental Consultants, Inc.** AES Job Number: **1410I11**

Project Name: Project Number: **1410.002**

Client ID	AES ID	Location	Asbestos Mineral Percentage						Comments
			CH	AM	CR	AN	TR	AC	
6-FT1-01 Layer: 1	1410I11-001A		ND	ND	ND	ND	ND	ND	Vinyl
6-FT1-01 Layer: 2	1410I11-001A		ND	ND	ND	ND	ND	ND	Glue
6-FT1-02 Layer: 1	1410I11-002A		ND	ND	ND	ND	ND	ND	Vinyl
6-FT1-02 Layer: 2	1410I11-002A		ND	ND	ND	ND	ND	ND	Glue
6-FT1-03 Layer: 1	1410I11-003A		ND	ND	ND	ND	ND	ND	Vinyl
6-FT1-03 Layer: 2	1410I11-003A		ND	ND	ND	ND	ND	ND	Glue

Note: CH=chrysotile, AM=amosite, CR=crocidolite, AC=actinolite, TR=tremolite, AN=anthophylite

For comments on the samples, see the individual analysis sheets.

ND = None Detected

AES,Inc. is accredited by NIST's National Voluntary Laboratory Accreditation Program (NVLAP) for Polarized Light Microscopy (PLM) analysis, Lab Code 102082-0. All analyses performed in accordance with EPA "Interim Method for the Determination of Asbestos in Bulk Insulation Samples" (EPA 600/M4-82-020), 1982 as found in 40 CFR, Part 763, Appendix E to Subpart E and "Method for the Determination of Asbestos in Bulk Building Materials" (EPA/600/R-93/116), 1993.

These test results apply only to those samples actually tested, as submitted by the client. All percentages are reported by visually estimated volume.

PLM is not consistently reliable in detecting small concentrations of asbestos in floor tiles and similar nonfriable materials, quantitative TEM is currently the only method that can be used to determine conclusive asbestos content.

Microanalyst: Svetlana Arkhipov

QC Analyst: Yelena Khanina

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

Bulk Sample Summary Report

Lab Code 102082-0

22-Oct-14

Client Name:	**Durbin Environmental Consultants, Inc.**	AES Job Number:	**1410I11**
Project Name:		Project Number:	**1410.002**

Client ID	AES ID	Location	Asbestos Mineral Percentage						Comments
			CH	AM	CR	AN	TR	AC	
6-FT2-01 Layer: 1	1410I11-004A		ND	ND	ND	ND	ND	ND	Floor Tile
6-FT2-01 Layer: 2	1410I11-004A		ND	ND	ND	ND	ND	ND	Glue
6-FT2-02 Layer: 1	1410I11-005A		ND	ND	ND	ND	ND	ND	Floor Tile
6-FT2-02 Layer: 2	1410I11-005A		ND	ND	ND	ND	ND	ND	Glue
6-FT2-03 Layer: 1	1410I11-006A		ND	ND	ND	ND	ND	ND	Floor Tile
6-FT2-03 Layer: 2	1410I11-006A		ND	ND	ND	ND	ND	ND	Glue

Note: CH=chrysotile, AM=amosite, CR=crocidolite, AC=actinolite, TR=tremolite, AN=anthophylite

For comments on the samples, see the individual analysis sheets.

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PLM is not consistently reliable in detecting small concentrations of asbestos in floor tiles and similar nonfriable materials, quantitative TEM is currently the only method that can be used to determine conclusive asbestos content.

Microanalyst: Svetlana Arkhipov

QC Analyst: Yelena Khanina

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ANALYTICAL ENVIRONMENTAL SERVICES, INC.

Bulk Sample Summary Report

NVLAP®
Lab Code 102082-0

22-Oct-14

Client Name:	**Durbin Environmental Consultants, Inc.**	AES Job Number:	**1410I11**
Project Name:		Project Number:	**1410.002**

Client ID	AES ID	Location	Asbestos Mineral Percentage						Comments
			CH	AM	CR	AN	TR	AC	
6-FT3-01 Layer: 1	1410I11-007A		ND	ND	ND	ND	ND	ND	Floor Tile
6-FT3-01 Layer: 2	1410I11-007A		ND	ND	ND	ND	ND	ND	Glue
6-FT3-02 Layer: 1	1410I11-008A		ND	ND	ND	ND	ND	ND	Floor Tile
6-FT3-02 Layer: 2	1410I11-008A		ND	ND	ND	ND	ND	ND	Glue
6-FT3-03 Layer: 1	1410I11-009A		ND	ND	ND	ND	ND	ND	Floor Tile
6-FT3-03 Layer: 2	1410I11-009A		ND	ND	ND	ND	ND	ND	Glue

Note: CH=chrysotile, AM=amosite, CR=crocidolite, AC=actinolite, TR=tremolite, AN=anthophylite

For comments on the samples, see the individual analysis sheets.

ND = None Detected

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PLM is not consistently reliable in detecting small concentrations of asbestos in floor tiles and similar nonfriable materials, quantitative TEM is currently the only method that can be used to determine conclusive asbestos content.

Microanalyst: Svetlana Arkhipov

QC Analyst: Yelena Khanina

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ANALYTICAL ENVIRONMENTAL SERVICES, INC.

Bulk Sample Summary Report

Lab Code 102082-0

22-Oct-14

Client Name: **Durbin Environmental Consultants, Inc.** AES Job Number: **1410I11**

Project Name: Project Number: **1410.002**

Client ID	AES ID	Location	Asbestos Mineral Percentage						Comments
			CH	AM	CR	AN	TR	AC	
6-CB1-01 Layer: 1	1410I11-010A		ND	ND	ND	ND	ND	ND	Cove base
6-CB1-01 Layer: 2	1410I11-010A		ND	ND	ND	ND	ND	ND	Glue
6-CB1-02 Layer: 1	1410I11-011A		ND	ND	ND	ND	ND	ND	Cove base
6-CB1-02 Layer: 2	1410I11-011A		ND	ND	ND	ND	ND	ND	Glue
6-CB1-03 Layer: 1	1410I11-012A		ND	ND	ND	ND	ND	ND	Cove base
6-CB1-03 Layer: 2	1410I11-012A		ND	ND	ND	ND	ND	ND	Glue

Note: CH=chrysotile, AM=amosite, CR=crocidolite, AC=actinolite, TR=tremolite, AN=anthophylite

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ANALYTICAL ENVIRONMENTAL SERVICES, INC.

Bulk Sample Summary Report

NVLAP Lab Code 102082-0

22-Oct-14

Client Name: **Durbin Environmental Consultants, Inc.** AES Job Number: **1410I11**

Project Name: Project Number: **1410.002**

Client ID	AES ID	Location	Asbestos Mineral Percentage						Comments
			CH	AM	CR	AN	TR	AC	
6-DWJC-01 Layer: 1	1410I11-013A		ND	ND	ND	ND	ND	ND	Paint included as binder
6-DWJC-01 Layer: 2	1410I11-013A		ND	ND	ND	ND	ND	ND	
6-DWJC-02 Layer: 1	1410I11-014A		ND	ND	ND	ND	ND	ND	Paint included as binder
6-DWJC-02 Layer: 2	1410I11-014A		ND	ND	ND	ND	ND	ND	
6-DWJC-03 Layer: 1	1410I11-015A		ND	ND	ND	ND	ND	ND	Paint included as binder
6-DWJC-03 Layer: 2	1410I11-015A		ND	ND	ND	ND	ND	ND	

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Bulk Sample Summary Report

Lab Code 102082-0

22-Oct-14

Client Name:	**Durbin Environmental Consultants, Inc.**	AES Job Number:	**1410I11**
Project Name:		Project Number:	**1410.002**

Client ID	AES ID	Location	Asbestos Mineral Percentage						Comments
			CH	AM	CR	AN	TR	AC	
6-DWJC-04 Layer: 1	1410I11-016A		ND	ND	ND	ND	ND	ND	Paint included as binder
6-DWJC-04 Layer: 2	1410I11-016A		ND	ND	ND	ND	ND	ND	
6-DWJC-05 Layer: 1	1410I11-017A		ND	ND	ND	ND	ND	ND	Paint included as binder
6-DWJC-05 Layer: 2	1410I11-017A		ND	ND	ND	ND	ND	ND	
6-CT1-01 Layer: 1	1410I11-018A		ND	ND	ND	ND	ND	ND	Paint included as binder
6-CT1-02 Layer: 1	1410I11-019A		ND	ND	ND	ND	ND	ND	Paint included as binder

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Bulk Sample Summary Report

NVLAP Lab Code 102082-0

22-Oct-14

Client Name: **Durbin Environmental Consultants, Inc.** AES Job Number: **1410I11**

Project Name: Project Number: **1410.002**

Client ID	AES ID	Location	Asbestos Mineral Percentage						Comments
			CH	AM	CR	AN	TR	AC	
6-CT1-03 Layer: 1	1410I11-020A		ND	ND	ND	ND	ND	ND	Paint included as binder
6-DI1-01 Layer: 1	1410I11-021A		ND	ND	ND	ND	ND	ND	
6-DI1-01 Layer: 2	1410I11-021A		ND	ND	ND	ND	ND	ND	
6-DI1-02 Layer: 1	1410I11-022A		ND	ND	ND	ND	ND	ND	
6-DI1-02 Layer: 2	1410I11-022A		ND	ND	ND	ND	ND	ND	
6-DI1-03 Layer: 1	1410I11-023A		ND	ND	ND	ND	ND	ND	

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Bulk Sample Summary Report

NVLAP Lab Code 102082-0

22-Oct-14

Client Name: **Durbin Environmental Consultants, Inc.** AES Job Number: **1410I11**

Project Name: Project Number: **1410.002**

Client ID	AES ID	Location	Asbestos Mineral Percentage						Comments
			CH	AM	CR	AN	TR	AC	
6-DI1-03 Layer: 2	1410I11-023A		ND	ND	ND	ND	ND	ND	
6-BATT-01 Layer: 1	1410I11-024A		ND	ND	ND	ND	ND	ND	
6-BATT-01 Layer: 2	1410I11-024A		ND	ND	ND	ND	ND	ND	
6-RM-01 Layer: 1	1410I11-025A		ND	ND	ND	ND	ND	ND	
6-RM-01 Layer: 2	1410I11-025A		ND	ND	ND	ND	ND	ND	
6-RM-02 Layer: 1	1410I11-026A		ND	ND	ND	ND	ND	ND	

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Bulk Sample Summary Report

NVLAP Lab Code 102082-0

22-Oct-14

Client Name:	**Durbin Environmental Consultants, Inc.**	AES Job Number:	**1410I11**
Project Name:		Project Number:	**1410.002**

Client ID	AES ID	Location	Asbestos Mineral Percentage						Comments
			CH	AM	CR	AN	TR	AC	
6-RM-02 Layer: 2	1410I11-026A		ND	ND	ND	ND	ND	ND	
6-RM-03 Layer: 1	1410I11-027A		ND	ND	ND	ND	ND	ND	
6-RM-03 Layer: 2	1410I11-027A		ND	ND	ND	ND	ND	ND	

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QC Analyst: Yelena Khanina

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Tel :(770) 457-8177
Fax:(770) 457-8188

AES Job Number: **1410I11**

NVLAP Lab Code 102082-0

22-Oct-14

Bulk Sample Analysis

Client Name:	Durbin Environmental Consultants, Inc.	AES Job Number:	1410I11
Project Name:		AES Lab ID:	1410I11-001A
Client Sample ID:	6-FT1-01	Project Number:	1410.002
Location:		Layer:	1
Sample Description:	Tan / Gray / Dark Gray semi-hard resilient with fibers		

All percentages given below are visually estimated by volume

ASBESTOS FIBERS	
Chrysotile:	ND
Amosite:	ND
Crocidolite:	ND
Anthophyllite:	ND
Tremolite:	ND
Actinolite:	ND

NON-FIBROUS MATERIALS	
Vermiculite:	ND
Biotite:	ND
Mica:	ND
Perlite:	ND
Aggregates:	ND
Styrofoam:	ND

NON-ASBESTOS FIBERS	
Synthetics:	ND
Mineral Wool:	ND
Fiberglass:	ND
Cellulose:	1
Animal Hair:	ND
Antigonite:	ND

OTHERS	
Aluminum:	ND
Bitumen:	ND
Resilient Material:	95
Glue:	ND
Binders:	4

Comments: Vinyl

ND = None Detected

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AES Job Number: **1410I11**

NVLAP Lab Code 102082-0

22-Oct-14

Bulk Sample Analysis

Client Name:	Durbin Environmental Consultants, Inc.	AES Job Number:	1410I11
Project Name:		AES Lab ID:	1410I11-001A
Client Sample ID:	6-FT1-01	Project Number:	1410.002
Location:		Layer:	2
Sample Description:	Yellow semi-hard mastic with fibers		

All percentages given below are visually estimated by volume

ASBESTOS FIBERS	
Chrysotile:	ND
Amosite:	ND
Crocidolite:	ND
Anthophyllite:	ND
Tremolite:	ND
Actinolite:	ND

NON-FIBROUS MATERIALS	
Vermiculite:	ND
Biotite:	ND
Mica:	ND
Perlite:	ND
Aggregates:	ND
Styrofoam:	ND

NON-ASBESTOS FIBERS	
Synthetics:	ND
Mineral Wool:	ND
Fiberglass:	ND
Cellulose:	1
Animal Hair:	ND
Antigonite:	ND

OTHERS	
Aluminum:	ND
Bitumen:	ND
Resilient Material:	ND
Glue:	95
Binders:	4

Comments: Glue

ND = None Detected

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AES Job Number: **1410I11**

Lab Code 102082-0

22-Oct-14

Bulk Sample Analysis

Client Name:	Durbin Environmental Consultants, Inc.	AES Job Number:	1410I11
Project Name:		AES Lab ID:	1410I11-002A
Client Sample ID:	6-FT1-02	Project Number:	1410.002
Location:		Layer:	1
Sample Description:	Tan / Gray / Dark Gray semi-hard resilient with fibers		

All percentages given below are visually estimated by volume

ASBESTOS FIBERS	
Chrysotile:	ND
Amosite:	ND
Crocidolite:	ND
Anthophyllite:	ND
Tremolite:	ND
Actinolite:	ND

NON-ASBESTOS FIBERS	
Synthetics:	ND
Mineral Wool:	ND
Fiberglass:	ND
Cellulose:	1
Animal Hair:	ND
Antigonite:	ND

NON-FIBROUS MATERIALS	
Vermiculite:	ND
Biotite:	ND
Mica:	ND
Perlite:	ND
Aggregates:	ND
Styrofoam:	ND

OTHERS	
Aluminum:	ND
Bitumen:	ND
Resilient Material:	95
Glue:	ND
Binders:	4

Comments: Vinyl

ND = None Detected

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AES Job Number: **1410I11**

NVLAP Lab Code 102082-0

22-Oct-14

Bulk Sample Analysis

Client Name:	Durbin Environmental Consultants, Inc.	AES Job Number:	1410I11
Project Name:		AES Lab ID:	1410I11-002A
Client Sample ID:	6-FT1-02	Project Number:	1410.002
Location:		Layer:	2
Sample Description:	Yellow semi-hard mastic with fibers		

All percentages given below are visually estimated by volume

ASBESTOS FIBERS	
Chrysotile:	ND
Amosite:	ND
Crocidolite:	ND
Anthophyllite:	ND
Tremolite:	ND
Actinolite:	ND

NON-FIBROUS MATERIALS	
Vermiculite:	ND
Biotite:	ND
Mica:	ND
Perlite:	ND
Aggregates:	ND
Styrofoam:	ND

NON-ASBESTOS FIBERS	
Synthetics:	ND
Mineral Wool:	ND
Fiberglass:	ND
Cellulose:	1
Animal Hair:	ND
Antigonite:	ND

OTHERS	
Aluminum:	ND
Bitumen:	ND
Resilient Material:	ND
Glue:	95
Binders:	4

Comments: Glue

ND = None Detected

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AES Job Number: **1410I11**

NVLAP Lab Code 102082-0

22-Oct-14

Bulk Sample Analysis

Client Name:	Durbin Environmental Consultants, Inc.	AES Job Number:	1410I11
Project Name:		AES Lab ID:	1410I11-003A
Client Sample ID:	6-FT1-03	Project Number:	1410.002
Location:		Layer:	1
Sample Description:	Tan / Gray / Dark Gray semi-hard resilient with fibers		

All percentages given below are visually estimated by volume

ASBESTOS FIBERS	
Chrysotile:	ND
Amosite:	ND
Crocidolite:	ND
Anthophyllite:	ND
Tremolite:	ND
Actinolite:	ND

NON-FIBROUS MATERIALS	
Vermiculite:	ND
Biotite:	ND
Mica:	ND
Perlite:	ND
Aggregates:	ND
Styrofoam:	ND

NON-ASBESTOS FIBERS	
Synthetics:	ND
Mineral Wool:	ND
Fiberglass:	ND
Cellulose:	1
Animal Hair:	ND
Antigonite:	ND

OTHERS	
Aluminum:	ND
Bitumen:	ND
Resilient Material:	95
Glue:	ND
Binders:	4

Comments: Vinyl

ND = None Detected

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AES Job Number: **1410I11**

Lab Code 102082-0

22-Oct-14

Bulk Sample Analysis

Client Name:	Durbin Environmental Consultants, Inc.	AES Job Number:	1410I11
Project Name:		AES Lab ID:	1410I11-003A
Client Sample ID:	6-FT1-03	Project Number:	1410.002
Location:		Layer:	2
Sample Description:	Yellow semi-hard mastic with fibers		

All percentages given below are visually estimated by volume

ASBESTOS FIBERS	
Chrysotile:	ND
Amosite:	ND
Crocidolite:	ND
Anthophyllite:	ND
Tremolite:	ND
Actinolite:	ND

NON-FIBROUS MATERIALS	
Vermiculite:	ND
Biotite:	ND
Mica:	ND
Perlite:	ND
Aggregates:	ND
Styrofoam:	ND

NON-ASBESTOS FIBERS	
Synthetics:	ND
Mineral Wool:	ND
Fiberglass:	ND
Cellulose:	1
Animal Hair:	ND
Antigonite:	ND

OTHERS	
Aluminum:	ND
Bitumen:	ND
Resilient Material:	ND
Glue:	95
Binders:	4

Comments: Glue

ND = None Detected

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AES Job Number: **1410I11**

NVLAP Lab Code 102082-0

22-Oct-14

Bulk Sample Analysis

Client Name:	Durbin Environmental Consultants, Inc.	AES Job Number:	1410I11
Project Name:		AES Lab ID:	1410I11-004A
Client Sample ID:	6-FT2-01	Project Number:	1410.002
Location:		Layer:	1
Sample Description:	Gray hard compact partly granular with fibers		

All percentages given below are visually estimated by volume

ASBESTOS FIBERS	
Chrysotile:	ND
Amosite:	ND
Crocidolite:	ND
Anthophyllite:	ND
Tremolite:	ND
Actinolite:	ND

NON-FIBROUS MATERIALS	
Vermiculite:	ND
Biotite:	ND
Mica:	ND
Perlite:	ND
Aggregates:	45
Styrofoam:	ND

NON-ASBESTOS FIBERS	
Synthetics:	ND
Mineral Wool:	ND
Fiberglass:	ND
Cellulose:	1
Animal Hair:	ND
Antigonite:	ND

OTHERS	
Aluminum:	ND
Bitumen:	ND
Resilient Material:	ND
Glue:	ND
Binders:	54

Comments: Floor Tile

ND = None Detected

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Microanalyst: Svetlana Arkhipov

QC Analyst: Yelena Khanina

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AES Job Number: **1410I11**

NVLAP Lab Code 102082-0

22-Oct-14

Bulk Sample Analysis

Client Name:	Durbin Environmental Consultants, Inc.	AES Job Number:	1410I11
Project Name:		AES Lab ID:	1410I11-004A
Client Sample ID:	6-FT2-01	Project Number:	1410.002
Location:		Layer:	2
Sample Description:	Yellow semi-hard mastic with fibers		

All percentages given below are visually estimated by volume

ASBESTOS FIBERS	
Chrysotile:	ND
Amosite:	ND
Crocidolite:	ND
Anthophyllite:	ND
Tremolite:	ND
Actinolite:	ND

NON-FIBROUS MATERIALS	
Vermiculite:	ND
Biotite:	ND
Mica:	ND
Perlite:	ND
Aggregates:	ND
Styrofoam:	ND

NON-ASBESTOS FIBERS	
Synthetics:	ND
Mineral Wool:	ND
Fiberglass:	ND
Cellulose:	1
Animal Hair:	ND
Antigonite:	ND

OTHERS	
Aluminum:	ND
Bitumen:	ND
Resilient Material:	ND
Glue:	95
Binders:	4

Comments: Glue

ND = None Detected

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AES Job Number: **1410I11**

Lab Code 102082-0

22-Oct-14

Bulk Sample Analysis

Client Name:	Durbin Environmental Consultants, Inc.	AES Job Number:	1410I11
Project Name:		AES Lab ID:	1410I11-005A
Client Sample ID:	6-FT2-02	Project Number:	1410.002
Location:		Layer:	1
Sample Description:	Gray hard compact partly granular with fibers		

All percentages given below are visually estimated by volume

ASBESTOS FIBERS	
Chrysotile:	ND
Amosite:	ND
Crocidolite:	ND
Anthophyllite:	ND
Tremolite:	ND
Actinolite:	ND

NON-FIBROUS MATERIALS	
Vermiculite:	ND
Biotite:	ND
Mica:	ND
Perlite:	ND
Aggregates:	45
Styrofoam:	ND

NON-ASBESTOS FIBERS	
Synthetics:	ND
Mineral Wool:	ND
Fiberglass:	ND
Cellulose:	1
Animal Hair:	ND
Antigonite:	ND

OTHERS	
Aluminum:	ND
Bitumen:	ND
Resilient Material:	ND
Glue:	ND
Binders:	54

Comments: Floor Tile

ND = None Detected

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AES Job Number: **1410I11**

NVLAP Lab Code 102082-0

22-Oct-14

Bulk Sample Analysis

Client Name:	Durbin Environmental Consultants, Inc.	AES Job Number:	1410I11
Project Name:		AES Lab ID:	1410I11-005A
Client Sample ID:	6-FT2-02	Project Number:	1410.002
Location:		Layer:	2
Sample Description:	Yellow semi-hard mastic with fibers		

All percentages given below are visually estimated by volume

ASBESTOS FIBERS	
Chrysotile:	ND
Amosite:	ND
Crocidolite:	ND
Anthophyllite:	ND
Tremolite:	ND
Actinolite:	ND

NON-FIBROUS MATERIALS	
Vermiculite:	ND
Biotite:	ND
Mica:	ND
Perlite:	ND
Aggregates:	ND
Styrofoam:	ND

NON-ASBESTOS FIBERS	
Synthetics:	ND
Mineral Wool:	ND
Fiberglass:	ND
Cellulose:	1
Animal Hair:	ND
Antigonite:	ND

OTHERS	
Aluminum:	ND
Bitumen:	ND
Resilient Material:	ND
Glue:	95
Binders:	4

Comments: Glue

ND = None Detected

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AES Job Number: **1410I11**

NVLAP Lab Code 102082-0

22-Oct-14

Bulk Sample Analysis

Client Name:	Durbin Environmental Consultants, Inc.	AES Job Number:	1410I11
Project Name:		AES Lab ID:	1410I11-006A
Client Sample ID:	6-FT2-03	Project Number:	1410.002
Location:		Layer:	1
Sample Description:	Gray hard compact partly granular with fibers		

All percentages given below are visually estimated by volume

ASBESTOS FIBERS	
Chrysotile:	ND
Amosite:	ND
Crocidolite:	ND
Anthophyllite:	ND
Tremolite:	ND
Actinolite:	ND

NON-FIBROUS MATERIALS	
Vermiculite:	ND
Biotite:	ND
Mica:	ND
Perlite:	ND
Aggregates:	45
Styrofoam:	ND

NON-ASBESTOS FIBERS	
Synthetics:	ND
Mineral Wool:	ND
Fiberglass:	ND
Cellulose:	1
Animal Hair:	ND
Antigonite:	ND

OTHERS	
Aluminum:	ND
Bitumen:	ND
Resilient Material:	ND
Glue:	ND
Binders:	54

Comments: Floor Tile

ND = None Detected

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NVLAP
Lab Code 102082-0

22-Oct-14

Bulk Sample Analysis

Client Name:	Durbin Environmental Consultants, Inc.	AES Job Number:	1410I11
Project Name:		AES Lab ID:	1410I11-006A
Client Sample ID:	6-FT2-03	Project Number:	1410.002
Location:		Layer:	2
Sample Description:	Yellow semi-hard mastic with fibers		

All percentages given below are visually estimated by volume

ASBESTOS FIBERS	
Chrysotile:	ND
Amosite:	ND
Crocidolite:	ND
Anthophyllite:	ND
Tremolite:	ND
Actinolite:	ND

NON-FIBROUS MATERIALS	
Vermiculite:	ND
Biotite:	ND
Mica:	ND
Perlite:	ND
Aggregates:	ND
Styrofoam:	ND

NON-ASBESTOS FIBERS	
Synthetics:	ND
Mineral Wool:	ND
Fiberglass:	ND
Cellulose:	1
Animal Hair:	ND
Antigonite:	ND

OTHERS	
Aluminum:	ND
Bitumen:	ND
Resilient Material:	ND
Glue:	95
Binders:	4

Comments: Glue

ND = None Detected

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AES Job Number: **1410I11**

NVLAP Lab Code 102082-0

22-Oct-14

Bulk Sample Analysis

Client Name:	Durbin Environmental Consultants, Inc.	AES Job Number:	1410I11
Project Name:		AES Lab ID:	1410I11-007A
Client Sample ID:	6-FT3-01	Project Number:	1410.002
Location:		Layer:	1
Sample Description:	Tan hard compact partly granular with fibers		

All percentages given below are visually estimated by volume

ASBESTOS FIBERS	
Chrysotile:	ND
Amosite:	ND
Crocidolite:	ND
Anthophyllite:	ND
Tremolite:	ND
Actinolite:	ND

NON-FIBROUS MATERIALS	
Vermiculite:	ND
Biotite:	ND
Mica:	ND
Perlite:	ND
Aggregates:	45
Styrofoam:	ND

NON-ASBESTOS FIBERS	
Synthetics:	ND
Mineral Wool:	ND
Fiberglass:	ND
Cellulose:	1
Animal Hair:	ND
Antigonite:	ND

OTHERS	
Aluminum:	ND
Bitumen:	ND
Resilient Material:	ND
Glue:	ND
Binders:	54

Comments: Floor Tile

ND = None Detected

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22-Oct-14

Bulk Sample Analysis

Client Name:	Durbin Environmental Consultants, Inc.	AES Job Number:	1410I11
Project Name:		AES Lab ID:	1410I11-007A
Client Sample ID:	6-FT3-01	Project Number:	1410.002
Location:		Layer:	2
Sample Description:	Yellow semi-hard mastic with fibers		

All percentages given below are visually estimated by volume

ASBESTOS FIBERS	
Chrysotile:	ND
Amosite:	ND
Crocidolite:	ND
Anthophyllite:	ND
Tremolite:	ND
Actinolite:	ND

NON-FIBROUS MATERIALS	
Vermiculite:	ND
Biotite:	ND
Mica:	ND
Perlite:	ND
Aggregates:	ND
Styrofoam:	ND

NON-ASBESTOS FIBERS	
Synthetics:	ND
Mineral Wool:	ND
Fiberglass:	ND
Cellulose:	1
Animal Hair:	ND
Antigonite:	ND

OTHERS	
Aluminum:	ND
Bitumen:	ND
Resilient Material:	ND
Glue:	95
Binders:	4

Comments: Glue

ND = None Detected

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AES Job Number: **1410I11**

NVLAP Lab Code 102082-0

22-Oct-14

Bulk Sample Analysis

Client Name:	Durbin Environmental Consultants, Inc.	AES Job Number:	1410I11
Project Name:		AES Lab ID:	1410I11-008A
Client Sample ID:	6-FT3-02	Project Number:	1410.002
Location:		Layer:	1
Sample Description:	Tan hard compact partly granular with fibers		

All percentages given below are visually estimated by volume

ASBESTOS FIBERS	
Chrysotile:	ND
Amosite:	ND
Crocidolite:	ND
Anthophyllite:	ND
Tremolite:	ND
Actinolite:	ND

NON-FIBROUS MATERIALS	
Vermiculite:	ND
Biotite:	ND
Mica:	ND
Perlite:	ND
Aggregates:	45
Styrofoam:	ND

NON-ASBESTOS FIBERS	
Synthetics:	ND
Mineral Wool:	ND
Fiberglass:	ND
Cellulose:	1
Animal Hair:	ND
Antigonite:	ND

OTHERS	
Aluminum:	ND
Bitumen:	ND
Resilient Material:	ND
Glue:	ND
Binders:	54

Comments: Floor Tile

ND = None Detected

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Bulk Sample Analysis

Client Name:	Durbin Environmental Consultants, Inc.	AES Job Number:	1410I11
Project Name:		AES Lab ID:	1410I11-008A
Client Sample ID:	6-FT3-02	Project Number:	1410.002
Location:		Layer:	2
Sample Description:	Yellow semi-hard mastic with fibers		

All percentages given below are visually estimated by volume

ASBESTOS FIBERS	
Chrysotile:	ND
Amosite:	ND
Crocidolite:	ND
Anthophyllite:	ND
Tremolite:	ND
Actinolite:	ND

NON-FIBROUS MATERIALS	
Vermiculite:	ND
Biotite:	ND
Mica:	ND
Perlite:	ND
Aggregates:	ND
Styrofoam:	ND

NON-ASBESTOS FIBERS	
Synthetics:	ND
Mineral Wool:	ND
Fiberglass:	ND
Cellulose:	1
Animal Hair:	ND
Antigonite:	ND

OTHERS	
Aluminum:	ND
Bitumen:	ND
Resilient Material:	ND
Glue:	95
Binders:	4

Comments: Glue

ND = None Detected

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NVLAP Lab Code 102082-0

22-Oct-14

Bulk Sample Analysis

Client Name:	Durbin Environmental Consultants, Inc.	AES Job Number:	1410I11
Project Name:		AES Lab ID:	1410I11-009A
Client Sample ID:	6-FT3-03	Project Number:	1410.002
Location:		Layer:	1
Sample Description:	Tan hard compact partly granular with fibers		

All percentages given below are visually estimated by volume

ASBESTOS FIBERS	
Chrysotile:	ND
Amosite:	ND
Crocidolite:	ND
Anthophyllite:	ND
Tremolite:	ND
Actinolite:	ND

NON-FIBROUS MATERIALS	
Vermiculite:	ND
Biotite:	ND
Mica:	ND
Perlite:	ND
Aggregates:	45
Styrofoam:	ND

NON-ASBESTOS FIBERS	
Synthetics:	ND
Mineral Wool:	ND
Fiberglass:	ND
Cellulose:	1
Animal Hair:	ND
Antigonite:	ND

OTHERS	
Aluminum:	ND
Bitumen:	ND
Resilient Material:	ND
Glue:	ND
Binders:	54

Comments: Floor Tile

ND = None Detected

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NVLAP Lab Code 102082-0

22-Oct-14

Bulk Sample Analysis

Client Name:	Durbin Environmental Consultants, Inc.	AES Job Number:	1410I11
Project Name:		AES Lab ID:	1410I11-009A
Client Sample ID:	6-FT3-03	Project Number:	1410.002
Location:		Layer:	2
Sample Description:	Yellow semi-hard mastic with fibers		

All percentages given below are visually estimated by volume

ASBESTOS FIBERS	
Chrysotile:	ND
Amosite:	ND
Crocidolite:	ND
Anthophyllite:	ND
Tremolite:	ND
Actinolite:	ND

NON-FIBROUS MATERIALS	
Vermiculite:	ND
Biotite:	ND
Mica:	ND
Perlite:	ND
Aggregates:	ND
Styrofoam:	ND

NON-ASBESTOS FIBERS	
Synthetics:	ND
Mineral Wool:	ND
Fiberglass:	ND
Cellulose:	1
Animal Hair:	ND
Antigonite:	ND

OTHERS	
Aluminum:	ND
Bitumen:	ND
Resilient Material:	ND
Glue:	95
Binders:	4

Comments: Glue

ND = None Detected

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AES Job Number: **1410I11**

NVLAP Lab Code 102082-0

22-Oct-14

Bulk Sample Analysis

Client Name:	Durbin Environmental Consultants, Inc.	AES Job Number:	1410I11
Project Name:		AES Lab ID:	1410I11-010A
Client Sample ID:	6-CB1-01	Project Number:	1410.002
Location:		Layer:	1
Sample Description:	Gray semi-hard resilient with fibers		

All percentages given below are visually estimated by volume

ASBESTOS FIBERS	
Chrysotile:	ND
Amosite:	ND
Crocidolite:	ND
Anthophyllite:	ND
Tremolite:	ND
Actinolite:	ND

NON-FIBROUS MATERIALS	
Vermiculite:	ND
Biotite:	ND
Mica:	ND
Perlite:	ND
Aggregates:	ND
Styrofoam:	ND

NON-ASBESTOS FIBERS	
Synthetics:	ND
Mineral Wool:	ND
Fiberglass:	ND
Cellulose:	1
Animal Hair:	ND
Antigonite:	ND

OTHERS	
Aluminum:	ND
Bitumen:	ND
Resilient Material:	95
Glue:	ND
Binders:	4

Comments: Cove base

ND = None Detected

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AES Job Number: **1410I11**

NVLAP
Lab Code 102082-0

22-Oct-14

Bulk Sample Analysis

Client Name:	Durbin Environmental Consultants, Inc.	AES Job Number:	1410I11
Project Name:		AES Lab ID:	1410I11-010A
Client Sample ID:	6-CB1-01	Project Number:	1410.002
Location:		Layer:	2
Sample Description:	Tan semi-hard mastic with fibers		

All percentages given below are visually estimated by volume

ASBESTOS FIBERS	
Chrysotile:	ND
Amosite:	ND
Crocidolite:	ND
Anthophyllite:	ND
Tremolite:	ND
Actinolite:	ND

NON-FIBROUS MATERIALS	
Vermiculite:	ND
Biotite:	ND
Mica:	ND
Perlite:	ND
Aggregates:	ND
Styrofoam:	ND

NON-ASBESTOS FIBERS	
Synthetics:	ND
Mineral Wool:	ND
Fiberglass:	ND
Cellulose:	1
Animal Hair:	ND
Antigonite:	ND

OTHERS	
Aluminum:	ND
Bitumen:	ND
Resilient Material:	ND
Glue:	95
Binders:	4

Comments: Glue

ND = None Detected

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QC Analyst: Yelena Khanina

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AES Job Number: **1410I11**

NVLAP
Lab Code 102082-0

22-Oct-14

Bulk Sample Analysis

Client Name:	Durbin Environmental Consultants, Inc.	AES Job Number:	1410I11
Project Name:		AES Lab ID:	1410I11-011A
Client Sample ID:	6-CB1-02	Project Number:	1410.002
Location:		Layer:	1
Sample Description:	Gray semi-hard resilient with fibers		

All percentages given below are visually estimated by volume

ASBESTOS FIBERS	
Chrysotile:	ND
Amosite:	ND
Crocidolite:	ND
Anthophyllite:	ND
Tremolite:	ND
Actinolite:	ND

NON-FIBROUS MATERIALS	
Vermiculite:	ND
Biotite:	ND
Mica:	ND
Perlite:	ND
Aggregates:	ND
Styrofoam:	ND

NON-ASBESTOS FIBERS	
Synthetics:	ND
Mineral Wool:	ND
Fiberglass:	ND
Cellulose:	1
Animal Hair:	ND
Antigonite:	ND

OTHERS	
Aluminum:	ND
Bitumen:	ND
Resilient Material:	95
Glue:	ND
Binders:	4

Comments: Cove base

ND = None Detected

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NVLAP Lab Code 102082-0

22-Oct-14

Bulk Sample Analysis

Client Name:	Durbin Environmental Consultants, Inc.	AES Job Number:	1410I11
Project Name:		AES Lab ID:	1410I11-011A
Client Sample ID:	6-CB1-02	Project Number:	1410.002
Location:		Layer:	2
Sample Description:	Tan semi-hard mastic with fibers		

All percentages given below are visually estimated by volume

ASBESTOS FIBERS	
Chrysotile:	ND
Amosite:	ND
Crocidolite:	ND
Anthophyllite:	ND
Tremolite:	ND
Actinolite:	ND

NON-FIBROUS MATERIALS	
Vermiculite:	ND
Biotite:	ND
Mica:	ND
Perlite:	ND
Aggregates:	ND
Styrofoam:	ND

NON-ASBESTOS FIBERS	
Synthetics:	ND
Mineral Wool:	ND
Fiberglass:	ND
Cellulose:	1
Animal Hair:	ND
Antigonite:	ND

OTHERS	
Aluminum:	ND
Bitumen:	ND
Resilient Material:	ND
Glue:	95
Binders:	4

Comments: Glue

ND = None Detected

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NVLAP Lab Code 102082-0

22-Oct-14

Bulk Sample Analysis

Client Name:	Durbin Environmental Consultants, Inc.	AES Job Number:	1410I11
Project Name:		AES Lab ID:	1410I11-012A
Client Sample ID:	6-CB1-03	Project Number:	1410.002
Location:		Layer:	1
Sample Description:	Gray semi-hard resilient with fibers		

All percentages given below are visually estimated by volume

ASBESTOS FIBERS	
Chrysotile:	ND
Amosite:	ND
Crocidolite:	ND
Anthophyllite:	ND
Tremolite:	ND
Actinolite:	ND

NON-FIBROUS MATERIALS	
Vermiculite:	ND
Biotite:	ND
Mica:	ND
Perlite:	ND
Aggregates:	ND
Styrofoam:	ND

NON-ASBESTOS FIBERS	
Synthetics:	ND
Mineral Wool:	ND
Fiberglass:	ND
Cellulose:	1
Animal Hair:	ND
Antigonite:	ND

OTHERS	
Aluminum:	ND
Bitumen:	ND
Resilient Material:	95
Glue:	ND
Binders:	4

Comments: Cove base

ND = None Detected

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22-Oct-14

Bulk Sample Analysis

Client Name:	Durbin Environmental Consultants, Inc.	AES Job Number:	1410I11
Project Name:		AES Lab ID:	1410I11-012A
Client Sample ID:	6-CB1-03	Project Number:	1410.002
Location:		Layer:	2
Sample Description:	Tan semi-hard mastic with fibers		

All percentages given below are visually estimated by volume

ASBESTOS FIBERS	
Chrysotile:	ND
Amosite:	ND
Crocidolite:	ND
Anthophyllite:	ND
Tremolite:	ND
Actinolite:	ND

NON-FIBROUS MATERIALS	
Vermiculite:	ND
Biotite:	ND
Mica:	ND
Perlite:	ND
Aggregates:	ND
Styrofoam:	ND

NON-ASBESTOS FIBERS	
Synthetics:	ND
Mineral Wool:	ND
Fiberglass:	ND
Cellulose:	1
Animal Hair:	ND
Antigonite:	ND

OTHERS	
Aluminum:	ND
Bitumen:	ND
Resilient Material:	ND
Glue:	95
Binders:	4

Comments: Glue

ND = None Detected

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22-Oct-14

Bulk Sample Analysis

Client Name:	Durbin Environmental Consultants, Inc.	AES Job Number:	1410I11
Project Name:		AES Lab ID:	1410I11-013A
Client Sample ID:	6-DWJC-01	Project Number:	1410.002
Location:		Layer:	1
Sample Description:	Brown soft fibrous with paint		

All percentages given below are visually estimated by volume

ASBESTOS FIBERS	
Chrysotile:	ND
Amosite:	ND
Crocidolite:	ND
Anthophyllite:	ND
Tremolite:	ND
Actinolite:	ND

NON-FIBROUS MATERIALS	
Vermiculite:	ND
Biotite:	ND
Mica:	ND
Perlite:	ND
Aggregates:	ND
Styrofoam:	ND

NON-ASBESTOS FIBERS	
Synthetics:	ND
Mineral Wool:	ND
Fiberglass:	ND
Cellulose:	90
Animal Hair:	ND
Antigonite:	ND

OTHERS	
Aluminum:	ND
Bitumen:	ND
Resilient Material:	ND
Glue:	ND
Binders:	10

Comments: Paint included as binder

ND = None Detected

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AES Job Number: **1410I11**

NVLAP Lab Code 102082-0

22-Oct-14

Bulk Sample Analysis

Client Name:	Durbin Environmental Consultants, Inc.	AES Job Number:	1410I11
Project Name:		AES Lab ID:	1410I11-013A
Client Sample ID:	6-DWJC-01	Project Number:	1410.002
Location:		Layer:	2
Sample Description:	Gray semi-hard silty to fibrous		

All percentages given below are visually estimated by volume

ASBESTOS FIBERS	
Chrysotile:	ND
Amosite:	ND
Crocidolite:	ND
Anthophyllite:	ND
Tremolite:	ND
Actinolite:	ND

NON-FIBROUS MATERIALS	
Vermiculite:	ND
Biotite:	ND
Mica:	ND
Perlite:	ND
Aggregates:	ND
Styrofoam:	ND

NON-ASBESTOS FIBERS	
Synthetics:	ND
Mineral Wool:	ND
Fiberglass:	ND
Cellulose:	10
Animal Hair:	ND
Antigonite:	ND

OTHERS	
Aluminum:	ND
Bitumen:	ND
Resilient Material:	ND
Glue:	ND
Binders:	90

Comments:

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Bulk Sample Analysis

Client Name:	Durbin Environmental Consultants, Inc.	AES Job Number:	1410I11
Project Name:		AES Lab ID:	1410I11-014A
Client Sample ID:	6-DWJC-02	Project Number:	1410.002
Location:		Layer:	1
Sample Description:	Brown soft fibrous with paint		

All percentages given below are visually estimated by volume

ASBESTOS FIBERS	
Chrysotile:	ND
Amosite:	ND
Crocidolite:	ND
Anthophyllite:	ND
Tremolite:	ND
Actinolite:	ND

NON-FIBROUS MATERIALS	
Vermiculite:	ND
Biotite:	ND
Mica:	ND
Perlite:	ND
Aggregates:	ND
Styrofoam:	ND

NON-ASBESTOS FIBERS	
Synthetics:	ND
Mineral Wool:	ND
Fiberglass:	ND
Cellulose:	90
Animal Hair:	ND
Antigonite:	ND

OTHERS	
Aluminum:	ND
Bitumen:	ND
Resilient Material:	ND
Glue:	ND
Binders:	10

Comments: Paint included as binder

ND = None Detected

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22-Oct-14

Bulk Sample Analysis

Client Name:	Durbin Environmental Consultants, Inc.	AES Job Number:	1410I11
Project Name:		AES Lab ID:	1410I11-014A
Client Sample ID:	6-DWJC-02	Project Number:	1410.002
Location:		Layer:	2
Sample Description:	Gray semi-hard silty to fibrous		

All percentages given below are visually estimated by volume

ASBESTOS FIBERS	
Chrysotile:	ND
Amosite:	ND
Crocidolite:	ND
Anthophyllite:	ND
Tremolite:	ND
Actinolite:	ND

NON-FIBROUS MATERIALS	
Vermiculite:	ND
Biotite:	ND
Mica:	ND
Perlite:	ND
Aggregates:	ND
Styrofoam:	ND

NON-ASBESTOS FIBERS	
Synthetics:	ND
Mineral Wool:	ND
Fiberglass:	ND
Cellulose:	15
Animal Hair:	ND
Antigonite:	ND

OTHERS	
Aluminum:	ND
Bitumen:	ND
Resilient Material:	ND
Glue:	ND
Binders:	85

Comments:

ND = None Detected

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22-Oct-14

Bulk Sample Analysis

Client Name:	Durbin Environmental Consultants, Inc.	AES Job Number:	1410I11
Project Name:		AES Lab ID:	1410I11-015A
Client Sample ID:	6-DWJC-03	Project Number:	1410.002
Location:		Layer:	1
Sample Description:	Brown soft fibrous with paint		

All percentages given below are visually estimated by volume

ASBESTOS FIBERS	
Chrysotile:	ND
Amosite:	ND
Crocidolite:	ND
Anthophyllite:	ND
Tremolite:	ND
Actinolite:	ND

NON-FIBROUS MATERIALS	
Vermiculite:	ND
Biotite:	ND
Mica:	ND
Perlite:	ND
Aggregates:	ND
Styrofoam:	ND

NON-ASBESTOS FIBERS	
Synthetics:	ND
Mineral Wool:	ND
Fiberglass:	ND
Cellulose:	90
Animal Hair:	ND
Antigonite:	ND

OTHERS	
Aluminum:	ND
Bitumen:	ND
Resilient Material:	ND
Glue:	ND
Binders:	10

Comments: Paint included as binder

ND = None Detected

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22-Oct-14

Bulk Sample Analysis

Client Name:	Durbin Environmental Consultants, Inc.	AES Job Number:	1410I11
Project Name:		AES Lab ID:	1410I11-015A
Client Sample ID:	6-DWJC-03	Project Number:	1410.002
Location:		Layer:	2
Sample Description:	Gray semi-hard silty to fibrous		

All percentages given below are visually estimated by volume

ASBESTOS FIBERS	
Chrysotile:	ND
Amosite:	ND
Crocidolite:	ND
Anthophyllite:	ND
Tremolite:	ND
Actinolite:	ND

NON-FIBROUS MATERIALS	
Vermiculite:	ND
Biotite:	ND
Mica:	ND
Perlite:	ND
Aggregates:	ND
Styrofoam:	ND

NON-ASBESTOS FIBERS	
Synthetics:	ND
Mineral Wool:	ND
Fiberglass:	ND
Cellulose:	15
Animal Hair:	ND
Antigonite:	ND

OTHERS	
Aluminum:	ND
Bitumen:	ND
Resilient Material:	ND
Glue:	ND
Binders:	85

Comments:

ND = None Detected

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NVLAP
Lab Code 102082-0

22-Oct-14

Bulk Sample Analysis

Client Name:	Durbin Environmental Consultants, Inc.	AES Job Number:	1410I11
Project Name:		AES Lab ID:	1410I11-016A
Client Sample ID:	6-DWJC-04	Project Number:	1410.002
Location:		Layer:	1
Sample Description:	Brown soft fibrous with paint		

All percentages given below are visually estimated by volume

ASBESTOS FIBERS	
Chrysotile:	ND
Amosite:	ND
Crocidolite:	ND
Anthophyllite:	ND
Tremolite:	ND
Actinolite:	ND

NON-FIBROUS MATERIALS	
Vermiculite:	ND
Biotite:	ND
Mica:	ND
Perlite:	ND
Aggregates:	ND
Styrofoam:	ND

NON-ASBESTOS FIBERS	
Synthetics:	ND
Mineral Wool:	ND
Fiberglass:	ND
Cellulose:	90
Animal Hair:	ND
Antigonite:	ND

OTHERS	
Aluminum:	ND
Bitumen:	ND
Resilient Material:	ND
Glue:	ND
Binders:	10

Comments: Paint included as binder

ND = None Detected

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NVLAP Lab Code 102082-0

22-Oct-14

Bulk Sample Analysis

Client Name:	Durbin Environmental Consultants, Inc.	AES Job Number:	1410I11
Project Name:		AES Lab ID:	1410I11-016A
Client Sample ID:	6-DWJC-04	Project Number:	1410.002
Location:		Layer:	2
Sample Description:	Gray semi-hard silty to fibrous		

All percentages given below are visually estimated by volume

ASBESTOS FIBERS	
Chrysotile:	ND
Amosite:	ND
Crocidolite:	ND
Anthophyllite:	ND
Tremolite:	ND
Actinolite:	ND

NON-FIBROUS MATERIALS	
Vermiculite:	ND
Biotite:	ND
Mica:	ND
Perlite:	ND
Aggregates:	ND
Styrofoam:	ND

NON-ASBESTOS FIBERS	
Synthetics:	ND
Mineral Wool:	ND
Fiberglass:	ND
Cellulose:	15
Animal Hair:	ND
Antigonite:	ND

OTHERS	
Aluminum:	ND
Bitumen:	ND
Resilient Material:	ND
Glue:	ND
Binders:	85

Comments:

ND = None Detected

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QC Analyst: Yelena Khanina

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AES Job Number: **1410I11**

NVLAP Lab Code 102082-0

22-Oct-14

Bulk Sample Analysis

Client Name:	Durbin Environmental Consultants, Inc.	AES Job Number:	1410I11
Project Name:		AES Lab ID:	1410I11-017A
Client Sample ID:	6-DWJC-05	Project Number:	1410.002
Location:		Layer:	1
Sample Description:	Brown soft fibrous with paint		

All percentages given below are visually estimated by volume

ASBESTOS FIBERS	
Chrysotile:	ND
Amosite:	ND
Crocidolite:	ND
Anthophyllite:	ND
Tremolite:	ND
Actinolite:	ND

NON-FIBROUS MATERIALS	
Vermiculite:	ND
Biotite:	ND
Mica:	ND
Perlite:	ND
Aggregates:	ND
Styrofoam:	ND

NON-ASBESTOS FIBERS	
Synthetics:	ND
Mineral Wool:	ND
Fiberglass:	ND
Cellulose:	90
Animal Hair:	ND
Antigonite:	ND

OTHERS	
Aluminum:	ND
Bitumen:	ND
Resilient Material:	ND
Glue:	ND
Binders:	10

Comments: Paint included as binder

ND = None Detected

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AES Job Number: **1410I11**

Lab Code 102082-0

22-Oct-14

Bulk Sample Analysis

Client Name:	Durbin Environmental Consultants, Inc.	AES Job Number:	1410I11
Project Name:		AES Lab ID:	1410I11-017A
Client Sample ID:	6-DWJC-05	Project Number:	1410.002
Location:		Layer:	2
Sample Description:	Gray semi-hard silty to fibrous		

All percentages given below are visually estimated by volume

ASBESTOS FIBERS	
Chrysotile:	ND
Amosite:	ND
Crocidolite:	ND
Anthophyllite:	ND
Tremolite:	ND
Actinolite:	ND

NON-FIBROUS MATERIALS	
Vermiculite:	ND
Biotite:	ND
Mica:	ND
Perlite:	ND
Aggregates:	ND
Styrofoam:	ND

NON-ASBESTOS FIBERS	
Synthetics:	ND
Mineral Wool:	ND
Fiberglass:	ND
Cellulose:	15
Animal Hair:	ND
Antigonite:	ND

OTHERS	
Aluminum:	ND
Bitumen:	ND
Resilient Material:	ND
Glue:	ND
Binders:	85

Comments:

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NVLAP Lab Code 102082-0

22-Oct-14

Bulk Sample Analysis

Client Name:	Durbin Environmental Consultants, Inc.	AES Job Number:	1410I11
Project Name:		AES Lab ID:	1410I11-018A
Client Sample ID:	6-CT1-01	Project Number:	1410.002
Location:		Layer:	1
Sample Description:	Gray soft fibrous to perlitic with paint		

All percentages given below are visually estimated by volume

ASBESTOS FIBERS	
Chrysotile:	ND
Amosite:	ND
Crocidolite:	ND
Anthophyllite:	ND
Tremolite:	ND
Actinolite:	ND

NON-FIBROUS MATERIALS	
Vermiculite:	ND
Biotite:	ND
Mica:	ND
Perlite:	30
Aggregates:	ND
Styrofoam:	ND

NON-ASBESTOS FIBERS	
Synthetics:	ND
Mineral Wool:	35
Fiberglass:	ND
Cellulose:	25
Animal Hair:	ND
Antigonite:	ND

OTHERS	
Aluminum:	ND
Bitumen:	ND
Resilient Material:	ND
Glue:	ND
Binders:	10

Comments: Paint included as binder

ND = None Detected

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NVLAP
Lab Code 102082-0

22-Oct-14

Bulk Sample Analysis

Client Name:	Durbin Environmental Consultants, Inc.	AES Job Number:	1410I11
Project Name:		AES Lab ID:	1410I11-019A
Client Sample ID:	6-CT1-02	Project Number:	1410.002
Location:		Layer:	1
Sample Description:	Gray soft fibrous to perlitic with paint		

All percentages given below are visually estimated by volume

ASBESTOS FIBERS	
Chrysotile:	ND
Amosite:	ND
Crocidolite:	ND
Anthophyllite:	ND
Tremolite:	ND
Actinolite:	ND

NON-FIBROUS MATERIALS	
Vermiculite:	ND
Biotite:	ND
Mica:	ND
Perlite:	30
Aggregates:	ND
Styrofoam:	ND

NON-ASBESTOS FIBERS	
Synthetics:	ND
Mineral Wool:	35
Fiberglass:	ND
Cellulose:	25
Animal Hair:	ND
Antigonite:	ND

OTHERS	
Aluminum:	ND
Bitumen:	ND
Resilient Material:	ND
Glue:	ND
Binders:	10

Comments: Paint included as binder

ND = None Detected

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NVLAP Lab Code 102082-0

22-Oct-14

Bulk Sample Analysis

Client Name:	Durbin Environmental Consultants, Inc.	AES Job Number:	1410I11
Project Name:		AES Lab ID:	1410I11-020A
Client Sample ID:	6-CT1-03	Project Number:	1410.002
Location:		Layer:	1
Sample Description:	Gray soft fibrous to perlitic with paint		

All percentages given below are visually estimated by volume

ASBESTOS FIBERS	
Chrysotile:	ND
Amosite:	ND
Crocidolite:	ND
Anthophyllite:	ND
Tremolite:	ND
Actinolite:	ND

NON-FIBROUS MATERIALS	
Vermiculite:	ND
Biotite:	ND
Mica:	ND
Perlite:	30
Aggregates:	ND
Styrofoam:	ND

NON-ASBESTOS FIBERS	
Synthetics:	ND
Mineral Wool:	35
Fiberglass:	ND
Cellulose:	25
Animal Hair:	ND
Antigonite:	ND

OTHERS	
Aluminum:	ND
Bitumen:	ND
Resilient Material:	ND
Glue:	ND
Binders:	10

Comments: Paint included as binder

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NVLAP Lab Code 102082-0

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Bulk Sample Analysis

Client Name:	Durbin Environmental Consultants, Inc.	AES Job Number:	1410I11
Project Name:		AES Lab ID:	1410I11-021A
Client Sample ID:	6-DI1-01	Project Number:	1410.002
Location:		Layer:	1
Sample Description:	Brown soft fibrous with aluminum		

All percentages given below are visually estimated by volume

ASBESTOS FIBERS	
Chrysotile:	ND
Amosite:	ND
Crocidolite:	ND
Anthophyllite:	ND
Tremolite:	ND
Actinolite:	ND

NON-FIBROUS MATERIALS	
Vermiculite:	ND
Biotite:	ND
Mica:	ND
Perlite:	ND
Aggregates:	ND
Styrofoam:	ND

NON-ASBESTOS FIBERS	
Synthetics:	ND
Mineral Wool:	ND
Fiberglass:	ND
Cellulose:	80
Animal Hair:	ND
Antigonite:	ND

OTHERS	
Aluminum:	20
Bitumen:	ND
Resilient Material:	ND
Glue:	ND
Binders:	ND

Comments:

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Bulk Sample Analysis

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Project Name:		AES Lab ID:	1410I11-021A
Client Sample ID:	6-DI1-01	Project Number:	1410.002
Location:		Layer:	2
Sample Description:	Yellow soft fibrous		

All percentages given below are visually estimated by volume

ASBESTOS FIBERS	
Chrysotile:	ND
Amosite:	ND
Crocidolite:	ND
Anthophyllite:	ND
Tremolite:	ND
Actinolite:	ND

NON-FIBROUS MATERIALS	
Vermiculite:	ND
Biotite:	ND
Mica:	ND
Perlite:	ND
Aggregates:	ND
Styrofoam:	ND

NON-ASBESTOS FIBERS	
Synthetics:	ND
Mineral Wool:	ND
Fiberglass:	95
Cellulose:	ND
Animal Hair:	ND
Antigonite:	ND

OTHERS	
Aluminum:	ND
Bitumen:	ND
Resilient Material:	ND
Glue:	ND
Binders:	5

Comments:

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Bulk Sample Analysis

Client Name:	Durbin Environmental Consultants, Inc.	AES Job Number:	1410I11
Project Name:		AES Lab ID:	1410I11-022A
Client Sample ID:	6-DI1-02	Project Number:	1410.002
Location:		Layer:	1
Sample Description:	Brown soft fibrous with aluminum		

All percentages given below are visually estimated by volume

ASBESTOS FIBERS	
Chrysotile:	ND
Amosite:	ND
Crocidolite:	ND
Anthophyllite:	ND
Tremolite:	ND
Actinolite:	ND

NON-FIBROUS MATERIALS	
Vermiculite:	ND
Biotite:	ND
Mica:	ND
Perlite:	ND
Aggregates:	ND
Styrofoam:	ND

NON-ASBESTOS FIBERS	
Synthetics:	ND
Mineral Wool:	ND
Fiberglass:	ND
Cellulose:	80
Animal Hair:	ND
Antigonite:	ND

OTHERS	
Aluminum:	20
Bitumen:	ND
Resilient Material:	ND
Glue:	ND
Binders:	ND

Comments:

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Bulk Sample Analysis

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Project Name:		AES Lab ID:	1410I11-022A
Client Sample ID:	6-DI1-02	Project Number:	1410.002
Location:		Layer:	2
Sample Description:	Yellow soft fibrous		

All percentages given below are visually estimated by volume

ASBESTOS FIBERS	
Chrysotile:	ND
Amosite:	ND
Crocidolite:	ND
Anthophyllite:	ND
Tremolite:	ND
Actinolite:	ND

NON-FIBROUS MATERIALS	
Vermiculite:	ND
Biotite:	ND
Mica:	ND
Perlite:	ND
Aggregates:	ND
Styrofoam:	ND

NON-ASBESTOS FIBERS	
Synthetics:	ND
Mineral Wool:	ND
Fiberglass:	95
Cellulose:	ND
Animal Hair:	ND
Antigonite:	ND

OTHERS	
Aluminum:	ND
Bitumen:	ND
Resilient Material:	ND
Glue:	ND
Binders:	5

Comments:

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22-Oct-14

Bulk Sample Analysis

Client Name:	Durbin Environmental Consultants, Inc.	AES Job Number:	1410I11
Project Name:		AES Lab ID:	1410I11-023A
Client Sample ID:	6-DI1-03	Project Number:	1410.002
Location:		Layer:	1
Sample Description:	Brown soft fibrous with aluminum		

All percentages given below are visually estimated by volume

ASBESTOS FIBERS	
Chrysotile:	ND
Amosite:	ND
Crocidolite:	ND
Anthophyllite:	ND
Tremolite:	ND
Actinolite:	ND

NON-FIBROUS MATERIALS	
Vermiculite:	ND
Biotite:	ND
Mica:	ND
Perlite:	ND
Aggregates:	ND
Styrofoam:	ND

NON-ASBESTOS FIBERS	
Synthetics:	ND
Mineral Wool:	ND
Fiberglass:	ND
Cellulose:	80
Animal Hair:	ND
Antigonite:	ND

OTHERS	
Aluminum:	20
Bitumen:	ND
Resilient Material:	ND
Glue:	ND
Binders:	ND

Comments:

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Lab Code 102082-0

22-Oct-14

Bulk Sample Analysis

Client Name:	Durbin Environmental Consultants, Inc.	AES Job Number:	1410I11
Project Name:		AES Lab ID:	1410I11-023A
Client Sample ID:	6-DI1-03	Project Number:	1410.002
Location:		Layer:	2
Sample Description:	Yellow soft fibrous		

All percentages given below are visually estimated by volume

ASBESTOS FIBERS	
Chrysotile:	ND
Amosite:	ND
Crocidolite:	ND
Anthophyllite:	ND
Tremolite:	ND
Actinolite:	ND

NON-FIBROUS MATERIALS	
Vermiculite:	ND
Biotite:	ND
Mica:	ND
Perlite:	ND
Aggregates:	ND
Styrofoam:	ND

NON-ASBESTOS FIBERS	
Synthetics:	ND
Mineral Wool:	ND
Fiberglass:	95
Cellulose:	ND
Animal Hair:	ND
Antigonite:	ND

OTHERS	
Aluminum:	ND
Bitumen:	ND
Resilient Material:	ND
Glue:	ND
Binders:	5

Comments:

ND = None Detected

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NVLAP
Lab Code 102082-0

22-Oct-14

Bulk Sample Analysis

Client Name:	Durbin Environmental Consultants, Inc.	AES Job Number:	1410I11
Project Name:		AES Lab ID:	1410I11-024A
Client Sample ID:	6-BATT-01	Project Number:	1410.002
Location:		Layer:	1
Sample Description:	Brown soft fibrous with glue		

All percentages given below are visually estimated by volume

ASBESTOS FIBERS	
Chrysotile:	ND
Amosite:	ND
Crocidolite:	ND
Anthophyllite:	ND
Tremolite:	ND
Actinolite:	ND

NON-FIBROUS MATERIALS	
Vermiculite:	ND
Biotite:	ND
Mica:	ND
Perlite:	ND
Aggregates:	ND
Styrofoam:	ND

NON-ASBESTOS FIBERS	
Synthetics:	ND
Mineral Wool:	ND
Fiberglass:	ND
Cellulose:	95
Animal Hair:	ND
Antigonite:	ND

OTHERS	
Aluminum:	ND
Bitumen:	ND
Resilient Material:	ND
Glue:	5
Binders:	ND

Comments:

ND = None Detected

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AES Job Number: **1410I11**

NVLAP Lab Code 102082-0

22-Oct-14

Bulk Sample Analysis

Client Name:	Durbin Environmental Consultants, Inc.	AES Job Number:	1410I11
Project Name:		AES Lab ID:	1410I11-024A
Client Sample ID:	6-BATT-01	Project Number:	1410.002
Location:		Layer:	2
Sample Description:	Yellow soft fibrous		

All percentages given below are visually estimated by volume

ASBESTOS FIBERS	
Chrysotile:	ND
Amosite:	ND
Crocidolite:	ND
Anthophyllite:	ND
Tremolite:	ND
Actinolite:	ND

NON-FIBROUS MATERIALS	
Vermiculite:	ND
Biotite:	ND
Mica:	ND
Perlite:	ND
Aggregates:	ND
Styrofoam:	ND

NON-ASBESTOS FIBERS	
Synthetics:	ND
Mineral Wool:	ND
Fiberglass:	95
Cellulose:	ND
Animal Hair:	ND
Antigonite:	ND

OTHERS	
Aluminum:	ND
Bitumen:	ND
Resilient Material:	ND
Glue:	ND
Binders:	5

Comments:

ND = None Detected

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These test results apply only to those samples actually tested, as submitted by the client. All percentages are reported by visually estimated volume. PLM is not consistently reliable in detecting small concentrations of asbestos in floor tiles and similar nonfriable materials, quantitative TEM is currently the only method that can be used to determine conclusive asbestos content.

Microanalyst: Svetlana Arkhipov

QC Analyst: Yelena Khanina

ANALYTICAL ENVIRONMENTAL SERVICES, INC.
3080 Presidential Drive
Atlanta,GA 30340
Tel :(770) 457-8177
Fax:(770) 457-8188

AES Job Number: **1410I11**

NVLAP Lab Code 102082-0

22-Oct-14

Bulk Sample Analysis

Client Name:	Durbin Environmental Consultants, Inc.	AES Job Number:	1410I11
Project Name:		AES Lab ID:	1410I11-025A
Client Sample ID:	6-RM-01	Project Number:	1410.002
Location:		Layer:	1
Sample Description:	Black semi-hard resilient with fibers		

All percentages given below are visually estimated by volume

ASBESTOS FIBERS	
Chrysotile:	ND
Amosite:	ND
Crocidolite:	ND
Anthophyllite:	ND
Tremolite:	ND
Actinolite:	ND

NON-FIBROUS MATERIALS	
Vermiculite:	ND
Biotite:	ND
Mica:	ND
Perlite:	ND
Aggregates:	ND
Styrofoam:	ND

NON-ASBESTOS FIBERS	
Synthetics:	ND
Mineral Wool:	ND
Fiberglass:	ND
Cellulose:	1
Animal Hair:	ND
Antigonite:	ND

OTHERS	
Aluminum:	ND
Bitumen:	ND
Resilient Material:	95
Glue:	ND
Binders:	4

Comments:

ND = None Detected

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Fax:(770) 457-8188

AES Job Number: **1410I11**

NVLAP Lab Code 102082-0

22-Oct-14

Bulk Sample Analysis

Client Name:	Durbin Environmental Consultants, Inc.	AES Job Number:	1410I11
Project Name:		AES Lab ID:	1410I11-025A
Client Sample ID:	6-RM-01	Project Number:	1410.002
Location:		Layer:	2
Sample Description:	Gray semi-hard silty to fibrous		

All percentages given below are visually estimated by volume

ASBESTOS FIBERS	
Chrysotile:	ND
Amosite:	ND
Crocidolite:	ND
Anthophyllite:	ND
Tremolite:	ND
Actinolite:	ND

NON-FIBROUS MATERIALS	
Vermiculite:	ND
Biotite:	ND
Mica:	ND
Perlite:	ND
Aggregates:	ND
Styrofoam:	ND

NON-ASBESTOS FIBERS	
Synthetics:	ND
Mineral Wool:	ND
Fiberglass:	10
Cellulose:	5
Animal Hair:	ND
Antigonite:	ND

OTHERS	
Aluminum:	ND
Bitumen:	ND
Resilient Material:	ND
Glue:	ND
Binders:	85

Comments:

ND = None Detected

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AES Job Number: **1410I11**

NVLAP
Lab Code 102082-0

22-Oct-14

Bulk Sample Analysis

Client Name:	Durbin Environmental Consultants, Inc.	AES Job Number:	1410I11
Project Name:		AES Lab ID:	1410I11-026A
Client Sample ID:	6-RM-02	Project Number:	1410.002
Location:		Layer:	1
Sample Description:	Black semi-hard resilient with fibers		

All percentages given below are visually estimated by volume

ASBESTOS FIBERS	
Chrysotile:	ND
Amosite:	ND
Crocidolite:	ND
Anthophyllite:	ND
Tremolite:	ND
Actinolite:	ND

NON-FIBROUS MATERIALS	
Vermiculite:	ND
Biotite:	ND
Mica:	ND
Perlite:	ND
Aggregates:	ND
Styrofoam:	ND

NON-ASBESTOS FIBERS	
Synthetics:	ND
Mineral Wool:	ND
Fiberglass:	ND
Cellulose:	1
Animal Hair:	ND
Antigonite:	ND

OTHERS	
Aluminum:	ND
Bitumen:	ND
Resilient Material:	95
Glue:	ND
Binders:	4

Comments:

ND = None Detected

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ANALYTICAL ENVIRONMENTAL SERVICES, INC.
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Atlanta,GA 30340
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AES Job Number: **1410I11**

NVLAP Lab Code 102082-0

22-Oct-14

Bulk Sample Analysis

Client Name:	Durbin Environmental Consultants, Inc.	AES Job Number:	1410I11
Project Name:		AES Lab ID:	1410I11-026A
Client Sample ID:	6-RM-02	Project Number:	1410.002
Location:		Layer:	2
Sample Description:	Gray semi-hard silty to fibrous		

All percentages given below are visually estimated by volume

ASBESTOS FIBERS	
Chrysotile:	ND
Amosite:	ND
Crocidolite:	ND
Anthophyllite:	ND
Tremolite:	ND
Actinolite:	ND

NON-FIBROUS MATERIALS	
Vermiculite:	ND
Biotite:	ND
Mica:	ND
Perlite:	ND
Aggregates:	ND
Styrofoam:	ND

NON-ASBESTOS FIBERS	
Synthetics:	ND
Mineral Wool:	ND
Fiberglass:	10
Cellulose:	5
Animal Hair:	ND
Antigonite:	ND

OTHERS	
Aluminum:	ND
Bitumen:	ND
Resilient Material:	ND
Glue:	ND
Binders:	85

Comments:

ND = None Detected

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AES Job Number: **1410I11**

NVLAP Lab Code 102082-0

22-Oct-14

Bulk Sample Analysis

Client Name:	Durbin Environmental Consultants, Inc.	AES Job Number:	1410I11
Project Name:		AES Lab ID:	1410I11-027A
Client Sample ID:	6-RM-03	Project Number:	1410.002
Location:		Layer:	1
Sample Description:	Black semi-hard resilient with fibers		

All percentages given below are visually estimated by volume

ASBESTOS FIBERS	
Chrysotile:	ND
Amosite:	ND
Crocidolite:	ND
Anthophyllite:	ND
Tremolite:	ND
Actinolite:	ND

NON-FIBROUS MATERIALS	
Vermiculite:	ND
Biotite:	ND
Mica:	ND
Perlite:	ND
Aggregates:	ND
Styrofoam:	ND

NON-ASBESTOS FIBERS	
Synthetics:	ND
Mineral Wool:	ND
Fiberglass:	ND
Cellulose:	1
Animal Hair:	ND
Antigonite:	ND

OTHERS	
Aluminum:	ND
Bitumen:	ND
Resilient Material:	95
Glue:	ND
Binders:	4

Comments:

ND = None Detected

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Tel :(770) 457-8177
Fax:(770) 457-8188

AES Job Number: **1410I11**

Lab Code 102082-0

22-Oct-14

Bulk Sample Analysis

Client Name:	Durbin Environmental Consultants, Inc.	AES Job Number:	1410I11
Project Name:		AES Lab ID:	1410I11-027A
Client Sample ID:	6-RM-03	Project Number:	1410.002
Location:		Layer:	2
Sample Description:	Gray semi-hard silty to fibrous		

All percentages given below are visually estimated by volume

ASBESTOS FIBERS	
Chrysotile:	ND
Amosite:	ND
Crocidolite:	ND
Anthophyllite:	ND
Tremolite:	ND
Actinolite:	ND

NON-FIBROUS MATERIALS	
Vermiculite:	ND
Biotite:	ND
Mica:	ND
Perlite:	ND
Aggregates:	ND
Styrofoam:	ND

NON-ASBESTOS FIBERS	
Synthetics:	ND
Mineral Wool:	ND
Fiberglass:	10
Cellulose:	5
Animal Hair:	ND
Antigonite:	ND

OTHERS	
Aluminum:	ND
Bitumen:	ND
Resilient Material:	ND
Glue:	ND
Binders:	85

Comments:

ND = None Detected

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Microanalyst: Svetlana Arkhipov

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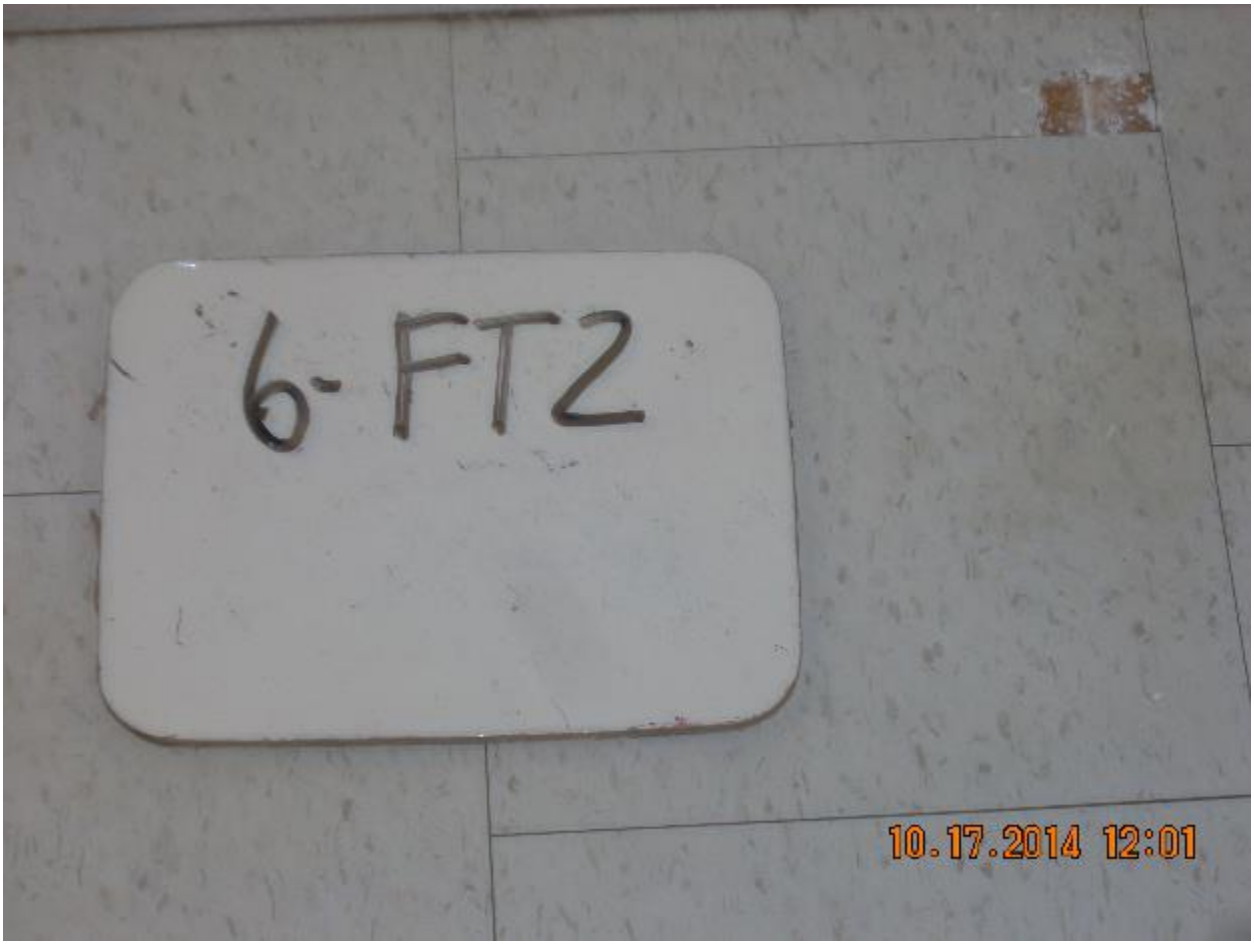
Representative Photographs of Suspect Asbestos Containing Materials

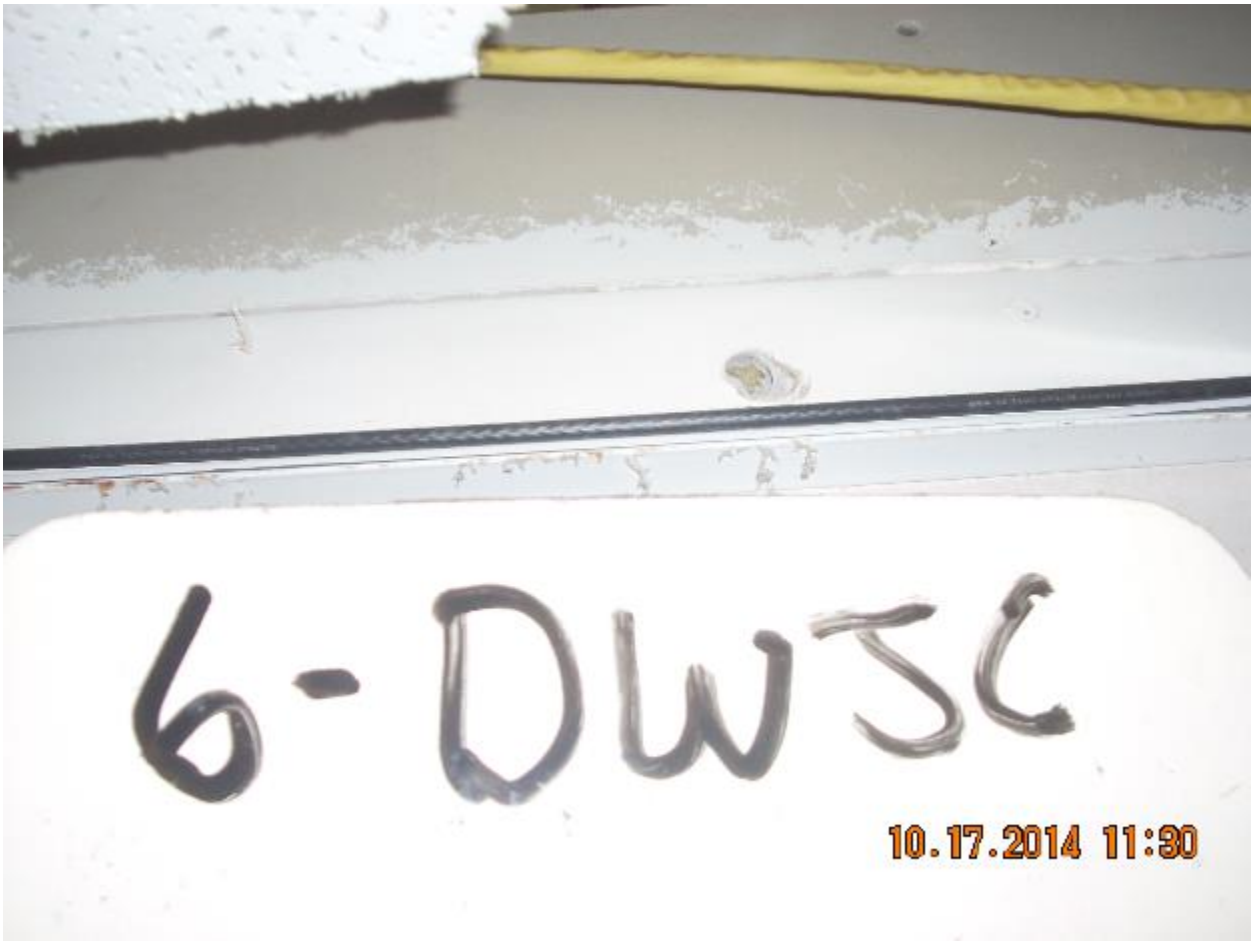
1. Floor Tile – Synthetic Wood Floor Planking and Associated Mastic/Glue/Adhesive (HM #1)



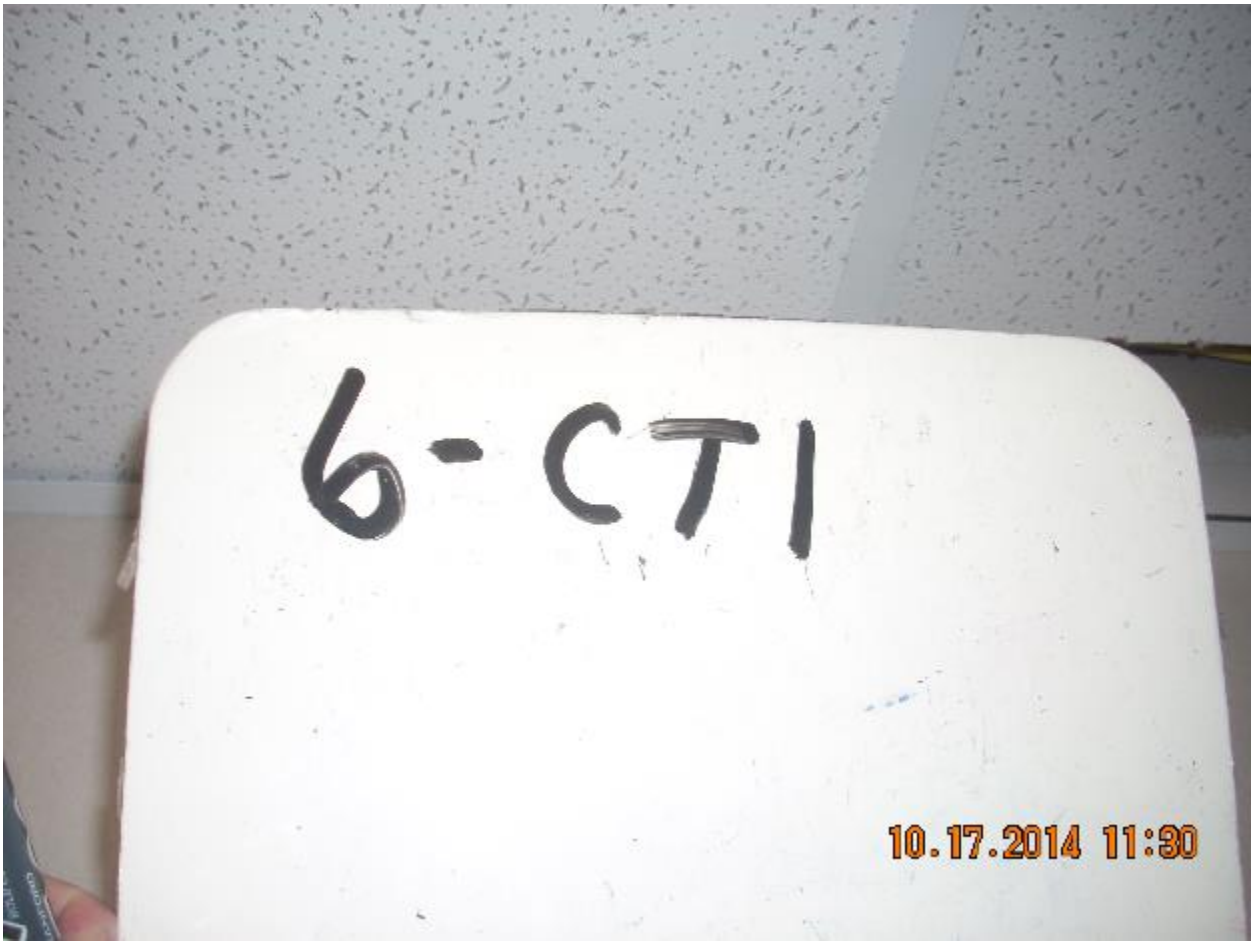
2. Floor Tile – 12” X 12” Light Grey with Grey Speckles and Associated Mastic/Glue/Adhesive (HM #2)

3. Floor Tile – 12” X 12” Light Beige with Brown Speckles and Associated Mastic/Glue/Adhesive (HM #3)

4. Beige Covebase and Associated Mastic/Glue/Adhesive (HM #4)



5. Drywall and Joint Compound (HM #5)



6. Ceiling Tile – 2’ X 2’ with Small Fissures and Pinholes (HM #6)

7. Duct Insulation – Foil Wrapped with Fiberglass (HM #7)

8. BATT Insulation (HM #8)

9. Roof Material – Rubber Membrane-type with Powdery Fill (HM #9)

APPENDIX B

Paint Chip Sample Summary Table Followed by Laboratory Data and Representative Photographs of Paint Chip Samples

Collection Date	Sample Number	Description	Location	Analytical Method	Percent Lead by Weight (wt%)
10/17/14	6-PC-01	White Paint	Metal Door	AAS	BRL
10/17/14	6-PC-02	White Paint	Wood Door, Men's Restroom	AAS	BRL

BRL: Not Detected at the Reporting Limit

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

October 21, 2014

Sellers Carmack
Durbin Environmental Consultants, Inc.
3461 Lawrenceville-Suwanee Rd. Ste A
Suwanee GA 30024

TEL: (678) 482-9917
FAX: (678) 482-7510

RE: 1410.002

Dear Sellers Carmack: Order No: 1410I12

Analytical Environmental Services, Inc. received 2 samples on 10/18/2014 11:15:00 AM for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.
AES' certifications are as follows:
-NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/14-06/30/15.
-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 09/01/15.

These results relate only to the items tested. This report may only be reproduced in full.

If you have any questions regarding these test results, please feel free to call.

CRKanhai

Chantelle Kanhai
Project Manager

Durbin Environmental Consultants, Inc.
Georgetowne Square
3461 Lawrenceville-Suwanee Road, Suite A
Suwanee, Georgia 30024
Voice (678) 482-9917
Fax (678) 482-7510

1410.12

SAMPLE CHAIN OF CUSTODY

Project Number: 1410.002 Bulk: ✓ Paint chips

Date: 10/18/2014 Air:

No	Sample ID	NO	Sample ID	No	Sample ID	NO	Sample ID
1.	6-PC-01	26.		51.		76.	
2.	6-PC-02	27.		52.		77.	
3.		28.		53.		78.	
4.		29.		54.		79.	
5.		30.		55.		80.	
6.		31.		56.		81.	
7.		32.		57.		82.	
8.		33.		58.		83.	
9.		34.		59.		84.	
10.		35.		60.		85.	
11.		36.		61.		86.	
12.		37.		62.		87.	
13.		38.		63.		88.	
14.		39.		64.		89.	
15.		40.		65.		90.	
16.		41.		66.		91.	
17.		42.		67.		92.	
18.		43.		68.		93.	
19.		44.		69.		94.	
20.		45.		70.		95.	
21.		46.		71.		96.	
22.		47.		72.		97.	
23.		48.		73.		98.	
24.		49.		74.		99.	
25.		50.		75.		100.	

Requested Turn-Around Time: 48-hour (Lead in Paint)

Comments: email results to:
mdurbin@durbinenvironmental (Mike Durbin)
scarmack@durbinenvironmental (Seth Carmack)

Relinquished By: [signature] Received By: Nicole Jessup

Company: Durbin Environmental Consultants Company: AES

Date: 10/18/2014 Date: 10/18/2014 11:15

Analytical Environmental Services, Inc

Date: 21-Oct-14

Lab Order:	1410I12
Client:	Durbin Environmental Consultants, Inc.
Project:	1410.002
Matrix:	Paint
Date Received:	10/18/2014 11:15:00 AM

TOTAL LEAD IN PAINT (N7082)

PAINT

Laboratory ID	Client Sample ID	Result	Units	Reporting Limit	DF	Qual	Date Collected	Date Analyzed	Analyst
1410I12-001A	6-PC-01	BRL	wt%	0.00902	1		10/18/2014	10/21/2014	TA
1410I12-002A	6-PC-02	BRL	wt%	0.00896	1		10/18/2014	10/21/2014	TA

Qualifiers: BRL - Not Detected at the Reporting Limit

B - Analyte detected in the associated Method Blank

DF - Dilution Factor

Results are blank corrected where applicable

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client Durbin Environmental Work Order Number 1410I72

Checklist completed by Joana Pacurar 10/18/14
Signature Date

Carrier name: FedEx __ UPS __ Courier __ Client ✓ US Mail __ Other _____

Shipping container/cooler in good condition? Yes ✓ No __ Not Present __

Custody seals intact on shipping container/cooler? Yes __ No __ Not Present ✓

Custody seals intact on sample bottles? Yes __ No __ Not Present ✓

Container/Temp Blank temperature in compliance? (~~4°C±2~~)* JP 10/18 Yes ✓ No __

Cooler #1 Ambient Cooler #2 _____ Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

Chain of custody present? Yes ✓ No __

Chain of custody signed when relinquished and received? Yes ✓ No __

Chain of custody agrees with sample labels? Yes ✓ No __

Samples in proper container/bottle? Yes ✓ No __

Sample containers intact? Yes ✓ No __

Sufficient sample volume for indicated test? Yes ✓ No __

All samples received within holding time? Yes ✓ No __

Was TAT marked on the COC? Yes ✓ No __

Proceed with Standard TAT as per project history? Yes __ No __ Not Applicable ✓

Water - VOA vials have zero headspace? No VOA vials submitted ✓ Yes __ No __

Water - pH acceptable upon receipt? Yes __ No __ Not Applicable ✓

Adjusted? _____ Checked by _____

Sample Condition: Good ✓ Other(Explain) _____

(For diffusive samples or AIHA lead) Is a known blank included? Yes __ No ✓

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

\\LAQuality Assurance\Checklists Procedures Sign-Off Templates\Checklists\Sample Receipt Checklists\Sample_Cooler_Receipt_Checklist

Analytical Environmental Services, Inc **Date:** 21-Oct-14

Client: Durbin Environmental Consultants, Inc.
Project Name: 1410.002
Workorder: 1410I12

ANALYTICAL QC SUMMARY REPORT

BatchID: 197965

Sample ID: MB-197965	Client ID:				Units: wt%		Prep Date: 10/21/2014		Run No: 278246	
SampleType: MBLK	TestCode: TOTAL LEAD IN PAINT (N7082)				BatchID: 197965		Analysis Date: 10/21/2014		Seq No: 5880661	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit Qual
Lead	BRL	0.0100								

Sample ID: LCS-197965	Client ID:				Units: wt%		Prep Date: 10/21/2014		Run No: 278246	
SampleType: LCS	TestCode: TOTAL LEAD IN PAINT (N7082)				BatchID: 197965		Analysis Date: 10/21/2014		Seq No: 5880662	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit Qual
Lead	0.7201	0.0640	0.7204		100.0	80	120			

Sample ID: 1410I10-001AMS	Client ID:				Units: wt%		Prep Date: 10/21/2014		Run No: 278246	
SampleType: MS	TestCode: TOTAL LEAD IN PAINT (N7082)				BatchID: 197965		Analysis Date: 10/21/2014		Seq No: 5880665	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit Qual
Lead	0.5404	0.0516	0.4579	0.05924	105	75	125			

Sample ID: 1410I10-001AMSD	Client ID:				Units: wt%		Prep Date: 10/21/2014		Run No: 278246	
SampleType: MSD	TestCode: TOTAL LEAD IN PAINT (N7082)				BatchID: 197965		Analysis Date: 10/21/2014		Seq No: 5880666	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit Qual
Lead	0.4840	0.0472	0.4579	0.05924	92.8	75	125	0.5404	11.0	25

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

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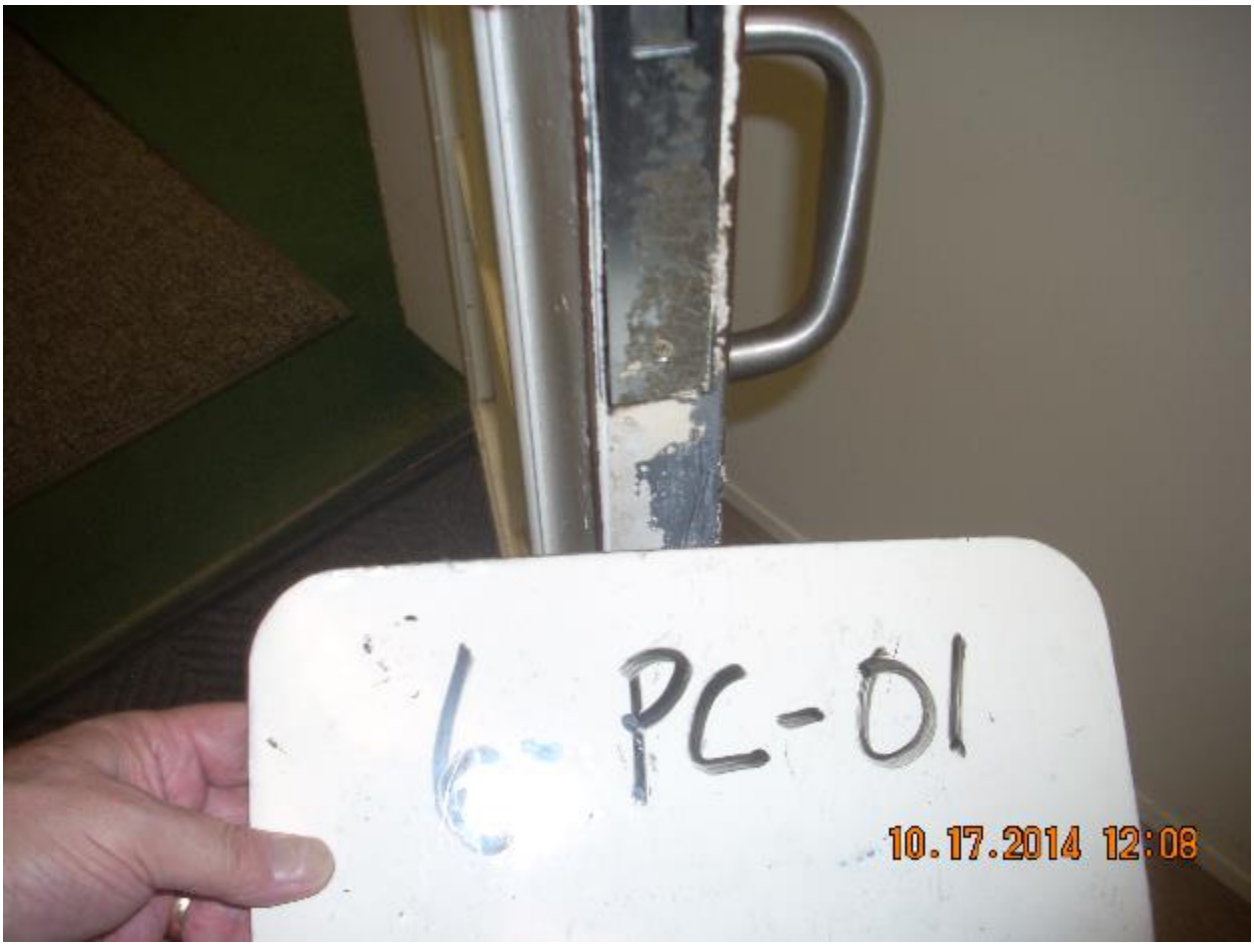
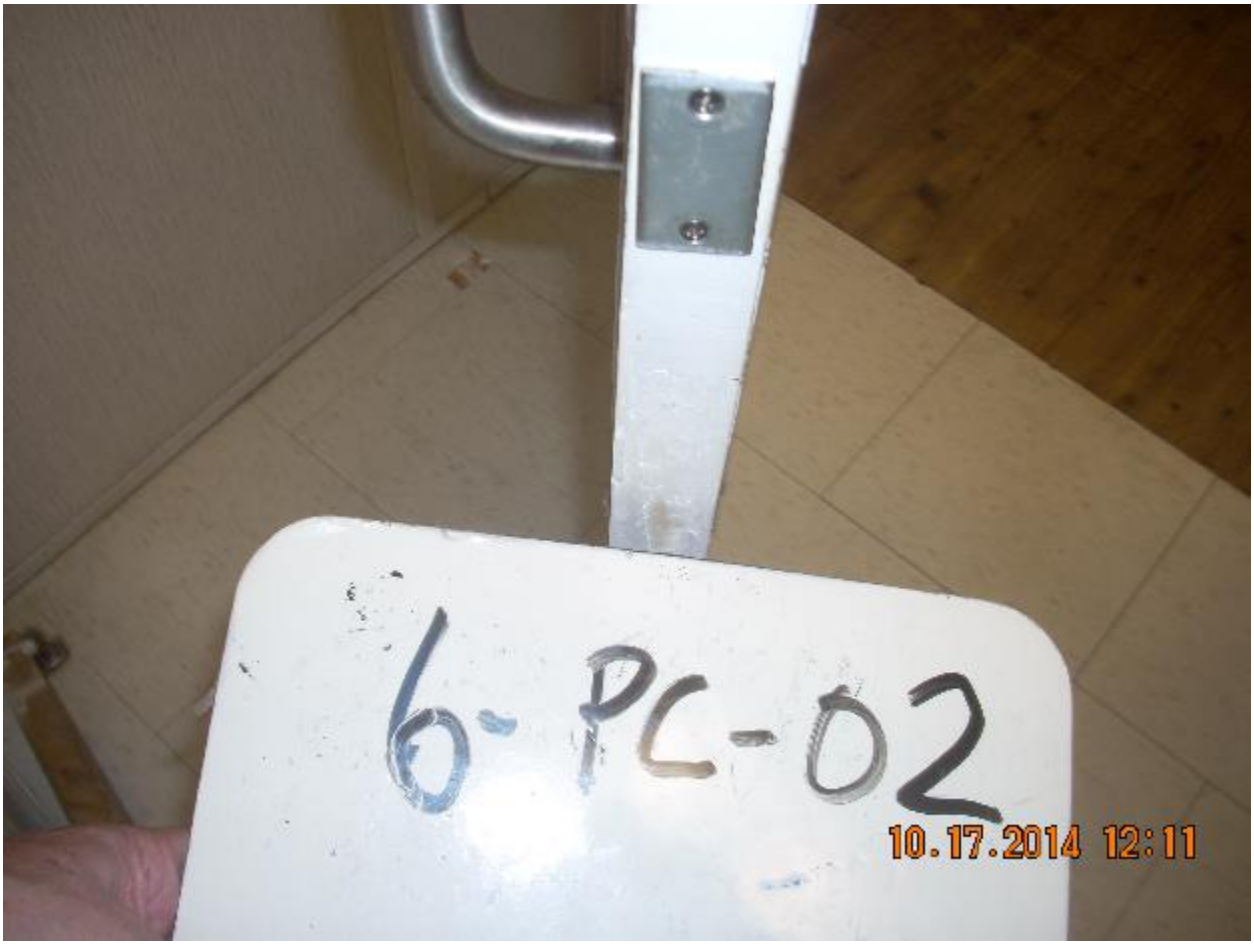
Representative Photographs of Paint Chip Samples



1. White Paint on Metal Door (Sample # 6-PC-01)



2. White Paint on Wood Door, Men's Restroom (Sample # 6-PC-02)